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modern MACHINE KNITTING

JUNE '94 ISSN No. 0957-6673.

Modern Machine Knitting
is published by
Modern Knitting Limited,
17 Grove Park, Waltham Road,
White Waltham, MAIDENHEAD,
Berkshire SL6 3LW.

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Modern Knitting Limited, © 1994

Distribution by
Seymour

Colour Reproduction
Ridgeway Litho

Typesetting
RSB Typesetters

Printed in England.

Canadian Distribution
Modern Sales Canada Inc
PO Box 67, #4, 1865 McLean Ave
PORT COQUITLAM
British Columbia, V3C 3V5 Canada

USA Distribution
Modern Sales USA Inc
7724 88th Drive SE
SNOHOMISH
Washington 98290.

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Knitline

Dear Readers

If you're one of our regular readers – and I do hope you are! – you'll know that we play 'musical chairs' from time to time. This month, it's my pleasure to bring you up-to-date with life in the office!

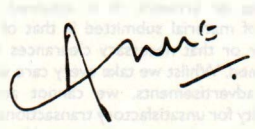
Although her name isn't on our pages just yet, we're all thrilled that Kamalini is now fully recovered and back with us as a regular contributor. Very many of you were avid followers of her lace series and her special expertise for solving your technical problems was also greatly appreciated. Kamalini is working on a new series for us and I hope that the first article will be featured next month.

Hazel is also working on an exciting new project so, for a while, Kamalini will lead our Helpline team. It's really marvellous to have some of the craft's leading experts close at hand and, at Modern Knitting, *we're now very proud of 'our team'.*

With that in mind, I've a very special welcome to our newest recruit! It's with great pleasure that I welcome Ann Kite to the magazine. Ann is also a leading expert in machine knitting and she starts a major, new series for us this month. We're all delighted that Ann has joined us and welcome her, very warmly, as a regular contributor to our magazine.

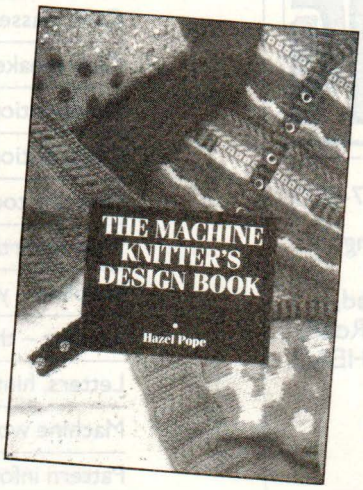
Finally, let me draw your attention to another of our special 'days'. We ran a very successful 'Double Jacquard Day' before Christmas which was over-subscribed and had to be repeated! We're delighted that Angela Gordon has prepared a new, 'hands on' course in Decorative Hand Tooling and you'll find details on page 21. Do get in touch with us soon, please, if you're interested. We had a lovely time on our last day but as this is a 'hands on' course, places will have to be strictly limited!

Until next time, happy reading and knitting!



The Machine Knitter's Design Book

This new book by **Hazel Pope** is an interesting source book for both ambitious beginners and those experienced knitters looking for experimentation ideas.



Clear instructions for the many techniques, Tuck, Slip, Double bed Jacquard, Hand-worked techniques, Short Row patterning and combined techniques are included and accompanied by full colour photographs of swatches.

The technique chapters are followed by Design Workshop, which takes the reader from the basic equipment required, through to creating garment shapes and calculating the patterns.

The book finishes with a collection of basic sweater designs for both standard and chunky gauge machines. Patterns include raglan, in-set dropped shoulder and set-in sleeve styles with some unusual stitch patterns.

These patterns can be knitted as they are, or used as a basis for changing to your own choice of yarn or stitch technique by using the information contained within the book to help with your adaptations.

This is a good quality hard back book available from book stores for £15.99. The publisher is David & Charles and the ISBN number is 0 7153 9972 1.

Hastings Seminar

The 1993 **Accent on Design** Seminar was again a tremendous success. Susan Guagliumi flew over from America to be the Guest Speaker. Her enthusiasm and ideas were popular with all knitters who benefited from exclusive notes which incorporated her Lectures and Master Classes.

All the Master Classes by several well known knitters were well supported and many could have been filled twice over.

The British Red Cross and Healey House for the Elderly Blind each received cheques for £450 as a result of the tremendous efforts of the committee.

The committee have decided to take a break this year – they have all earned a well-deserved rest after twelve years of organising the event, but will be back again in 1995. We all look forward to joining them again then.

BSK Yarns in Canada

BSK has appointed a distributor in the United States and Canada for their range of yarns.

Readers in Canada, North and South America can now contact Modern Sales Canada Inc., P.O. Box 67, 4-1865 McLean Avenue, Port Coquitlam, BC V3C 3V5, Canada, for details of their nearest stockist or mail order.

Hot Key Template

DesignaKnit 5 users will find the **Hot Key Template** invented by **Pete Seward** a boon when working within the colour pattern menu.

The template, which is made from plastic encapsulated card, has all the function keys across the top with their functions when used alone and in conjunction with the shift or control key listed below. The scroll lock modes are on the right and on the reverse is a list of the cursor movements.

It is designed to be positioned above the function keys (assuming they are at the top of your keyboard – just above the keyboard if they are not) and we think it is a great little device that will save lots of brain strain trying to remember which key to press! There is a complete list of Hot Keys in the DesignaKnit user manual. However, this is not as easily accessible as this template.

Look out for the Hot Key Template at your local stockist.

Fair Isle Sweaters

Willow Tree Knitwear has recently produced **Garment Pattern Book B.**

It's a collection of five drop shoulder sweaters knitted in Spectrum Tango 4-ply Acrylic, on a standard gauge machine. The garment size range is from 38 to 44 inches and each design uses a different stitch pattern.

We did notice a 'Special Note' in the front of the book advising knitters to leave the cast on comb and two large weights on the garment piece throughout the knitting, after knitting the rib. Whilst this has been recommended by the originator of the pattern, it will affect the tension of the knitting. It is not common practice to do so and we really would not recommend it.

Keep up to date with what's new in knitting and crafts from around the country.

Single bed machines are not designed to have such heavy weights on the work. Even after a ribber has been attached the heavy weights used for ribbing should be removed before the main part of the garment is started.

Copies of the book are available from Willow Tree Knitwear, P.O. Box 8, Pontypool, Gwent NP4 7YA and cost £4.95. You should also write to this address for more details of the wide range of patterns available from Willow Tree Knitwear.

Simply Garter Stitch

Readers who own a Brother knitting machine with garter carriage will find the information in **Simply Garter Stitch** by **Elaine Cater and Caroline Nelson** invaluable.

While talking to machine knitters at exhibitions and clubs, Elaine and Caroline realised there was the need for a good basic instruction book, with stitch patterns and garments included. This need is more than adequately filled by their latest book, which includes step-by-step instructions from setting up the machine to the most advanced techniques.

There are four garment patterns graded from the simplest to more advanced and six stitch patterns. Five of the stitch patterns are interchangeable, so that the first three garments can be knitted in any of the patterns.

Work carefully through the instructions and patterns in this book and then confidently go on to design your own creations.

The book sells for £4.95 plus 40p postage and an accompanying disk with the stitch patterns is available for Brother disk drives at a cost of an additional £3.50 plus 60p postage.

Elaine and Caroline have also just released an adorable collection of garment patterns for baby called Baby Collection for the Garter Carriage. This collection includes dresses, a sweater, a cardigan, bonnets, jacket, leggings, dungarees and sleeping bag and last, but not least – the socks!

The collection is suitable for both boys and girls and costs £3.95 plus 40p postage.

Send a large sae for a price list and catalogue, or send your cheque now to order any of the above. The address is Elaine Cater, 29 St Leonards Road, London SW14 7LY.

Perfect Sweater Drying

Have you seen a **Knit Fit** yet? The Knit Fit is a frame designed to dry sweaters without pressing. It can be adjusted to suit personal measurements, thereby retaining both the correct shape and natural texture of the garment.

The Knit Fit is similar in appearance to the traditional wooden dryer used by knitters in the Shetland Islands to dry and shape their sweaters. The Knit Fit is made of very strong plastic and is adjustable for most sizes.

The benefit of using a Knit Fit over drying a garment flat is that the whole weight of the garment is supported with the sleeves extended, thus avoiding distortion. The Knit Fit can be free standing on the floor, or hung from a convenient point, leaving the garment uncrushed and allowing the air to circulate freely for a quicker drying period.

To order a Knit Fit please send a cheque for £22.95 to Mrs F.M. Hayden, Strathwhillan Cottage, Brodick KA27 8BQ, Isle of Arran, Scotland.

Patchwork

The Patchwork Stamp Company has produced rubber stamps which can be used for marking fabric and cutting out patches instead of using traditional templates.

A number of standard rubber stamps are available, or you can have one made to order.

Telephone 081-539 1542 for a free brochure.

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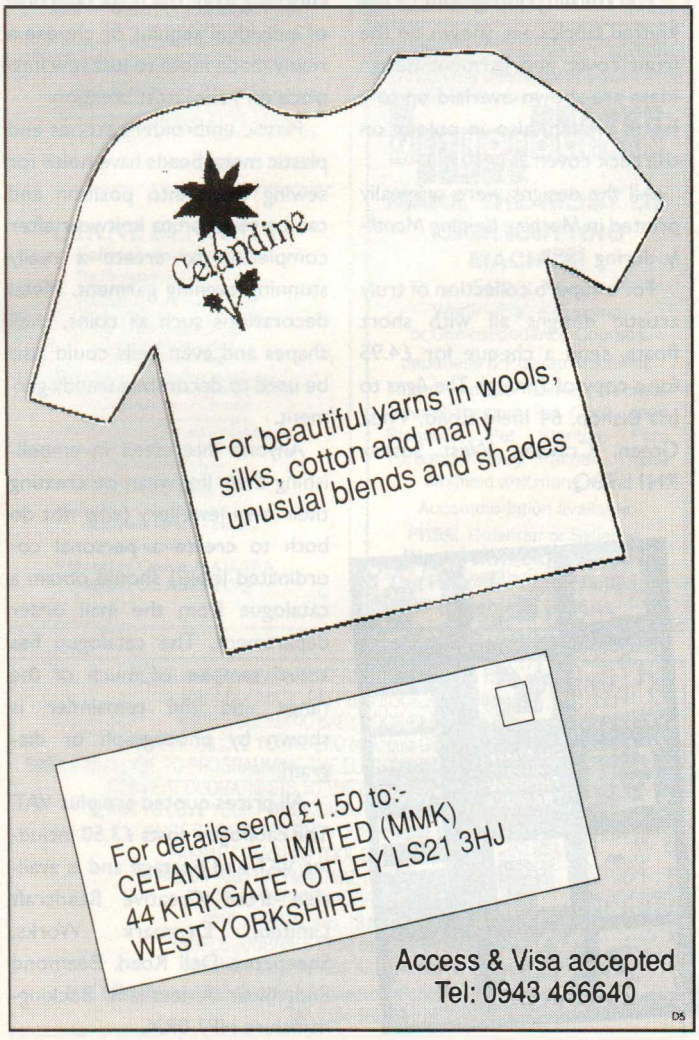
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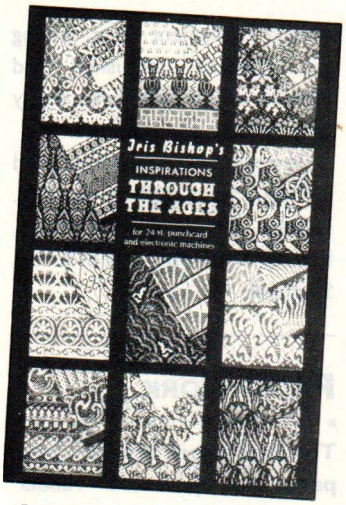


STITCHES IN TIME

Inspirations Through The Ages is the title of the latest stitch pattern book by Iris Bishop.

In keeping with all her books, the beautiful hand drawings and detailed descriptions of each pattern, make this one a delight to read.

Full colour photographs of the knitted fabrics are shown on the front cover and garment design ideas are shown overlaid on to a fabric swatch, also in colour on the back cover.

All the designs were originally printed in *Machine Knitting Monthly*, during 1993.

For a superb collection of truly artistic designs all with short floats, send a cheque for £4.95 for a copy of *Through The Ages* to Iris Bishop, 64 Ifield Road, West Green, Crawley, West Sussex RH11 7BQ.

BAUBLES AND BEADS

On a recent trip to London, we discovered Creative Beadcraft Limited at 20 Beak Street (off Regent Street). They have a wonderful selection of beads, sequins, braids and jewellery at very reasonable prices.

There are ordinary glass beads, with large holes suitable for use with the knitting machine, in a choice of eleven different colours costing £3.95 for 100 grams. There's also a plastic version with a large hole costing from £1.00 to £1.60 per hundred dependent upon colour.

The wooden beads in either natural varnish or dyed are lovely. Do remember, though, that most wooden beads are not washable. They can be used to great effect – but take care!

Create your own sequin motif choosing from the huge selection of individual sequins or choose a ready made motif to just sew into place on your latest creation.

Plastic embroidery stones and plastic metal beads have holes for sewing them into position and can be sewn on to knitwear after completion to create a really stunning evening garment. Metal decorations such as coins, shell shapes and even bells could also be used to decorate a trendy garment.

Anyone interested in embellishing their knitwear, or creating their own jewellery (why not do both to create a personal co-ordinated look?) should obtain a catalogue from the mail order department. The catalogue has actual samples of much of the range and the remainder is shown by photograph or diagram.

All prices quoted are plus VAT. The catalogue costs £3.50 including VAT and postage and is available from Creative Beadcraft Limited, Denmark Works, Sheepcote Dell Road, Beamond End, Near Amersham, Buckinghamshire HP7 0RX.

BUSINESS GUIDES FROM THE MIDLAND

Knitters thinking of setting up a small business might like to visit the Midland Bank. They have issued their small business and branch managers with business and information guides, to help them better understand the needs of their customers.

The guide gives information on the market, its customers, competition, advertising, start-up costs, qualifications and training, legal requirements, further reading and useful addresses.

There are Profiles on almost 300 businesses, including Designer Knitwear. These Profiles have been prepared for Midland by Project North East, a local enterprise agency based in Newcastle upon Tyne.

Copies of the profiles are available to Midland customers. Pop in and see your local Midland bank manager now for advice on setting up on your own.

EXHIBITIONS AROUND THE WORLD

Wales

An interesting day out for all the family can be found at the Rhondda Heritage Park. The visitors centre will take you on a journey back through time to experience the character and culture of the Rhondda coal mines.

From the 6th to the 26th May you can also visit an exciting exhibition, Crafts in Wool.

The inspiring collection, of machine knitted imagery and montages of local scenes by James Molloy and Joan Davies, is the product of a revolutionary process which combines machine knitting and computer graphics.

James Molloy the Third, grandson of James P. Molloy, founder of Ireland's famous Donegal Tweeds, was runner-up in Mid Glamorgan's Innovator of the Year Awards last year. The exhibition will be the first ever public showing of this ambitious new artwork.

The Rhondda Heritage Park is situated at the converted Merthyr Colliery, Trehafod, at the gateway to one of Britain's most famous coal mining areas, the Rhondda. It is one of Wales' newest and most unique galleries.

Send for details to The Rhondda Heritage Park, Lewis Merthyr, Coed Cae Road, Trehafod, Mid Glamorgan CF37 7NP.

Holland

Readers in Holland and anyone visiting the country from February to May might like to visit the **National Textile Museum in Tilburg** where **Kaffe Fassett** will be exhibiting his work until 29th May.

Entitled 'A Pattern of Glorious Colours', the exhibition will include a wide selection of designs from the past twenty years, together with examples of his sources of inspiration in the form of ceramics, shells and scraps of paper in a studio setting. In addition, Kaffe Fassett has designed an exclusive scarf to be produced on one of the museum's machines. This will be on sale together with his latest hand knitting book *Kaffe's Classics*, Rowan Knit kits, Ehrman needlepoint kits and other memorabilia.

Manchester

Manchester City Art Galleries are featuring an exhibition entitled **'Twentieth Century Studio Pottery – Two Manchester Collections'** until 18th September.

manchester city art galleries

City Art Galleries, Mosley Street, Manchester M2 3JL
Tel: 061-236 5244 Fax: 061-236 7369

During the late 19th century some potters such as William de Morgan and the Martin Brothers, rejecting low aesthetic standards generally adopted within the mainstream mass-production ceramics industry, began to batch-produce and hand-decorate a new type of ceramics that became known as Art Pottery.

Later, during the 1920s, a second breakaway movement from the factory-based system was established with the development of Studio Pottery: creative ceramics. These were hand-made by an individual potter or by a small group of potters in a studio or workshop.

This exhibition, drawn from two important but little known Manchester collections at the City Art Gallery and Manchester Metropolitan University, charts the rise of the Studio Pottery movement in Britain.

Twentieth Century Studio Pottery includes work from both well-known and forgotten figures from 1920 to 1990 with around eighty pots, spanning eight decades.

Celebrating the Kneeler

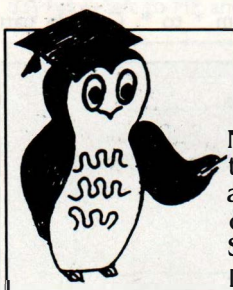
Creative Exhibitions Ltd announce the launch of a competition for the best original church kneeler designed and stitched by an amateur and which depicts the title or line of any hymn.

All entries will be displayed at The Knitting and Stitching Show which takes place both at Alexandra Palace, London from 20th-23rd October and also at the Harrogate Exhibition Centre, North Yorkshire from 24th-27th November.

Prizes include £1000, £500 and £250 respectively to the church of the first three winners choice, a commemorative bowl, a Certificate of Merit and a hamper containing supplies for the next stitching project. There will also be 25 runner-up prizes.

Readers interested in entering the competition must return their application forms by 30th June. To obtain a form please write to 'Kneelers', Creative Exhibitions Ltd., 46 Tressillian Road, Brockley, London SE4 1YB or telephone 081-692 8848.

THE KNITTING & STITCHING SHOW



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SAMPLER No. 2 CONTAINS EXCERPTS FROM: ★ Understanding the Ribber ★ A Creative Approach ★ Fun With Colours ★ Knit Steam and Cut

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VISA

Lacy days

We've added bands of lace to this simple style for an unusual and attractive look. Our pattern falls naturally into scallops, but you can add your own favourite lace edging to ring the changes.

pattern 1

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge machines.

MATERIALS
Yeoman Brittany. (Yarn Guide No. 6.)
1 [2, 2] x 450g cones in Red (MY).
7-pronged transfer tool.

GARMENT WEIGHT
Finished garment in first size weighs 395g.

The fibre content of this yarn is 100% Cotton. For further information about this yarn, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicestershire LE8 0UD.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 87-92 [97-102, 107-112] cm, 34-36 [38-40, 42-44] in.
Actual size 103 [112, 122] cm, 40½ [44, 48] in.
Length to shoulder 64.5 [65, 65.5] cm, 25½ [25½, 26] in.
Sleeve seam 43 [44, 45] cm, 17 [17½, 18] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
31 stitches and 38 rows to 10 cm, 4 in measured over stocking stitch. Wash and dry before measuring. (Tension dial approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
Use 2 strands of yarn together throughout.
Set 7-pronged transfer tool to 6.

Pattern
Transfer sts as shown on appropriate chart. K 2 rows. These 2 rows form pattern.

BACK

Push 151 [165, 179] Ns to WP. * Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT–3 and MY, K 12 rows. Make a hem by placing loops of first row worked in MY on to corresponding Ns. Unravel WY when work is completed. Set RC at 000. Using MT, K 2 rows *. Cont in patt from chart 1, K 34 rows. Cont in st st. Shape sides by inc 1 st at each end of every 10th row until there are 163 [177, 191] sts **. K 58 rows. RC shows 154. Place marker at each end. K 88 [90, 92] rows. RC shows 242 [244, 246]. Place marker at each side of centre 73 sts. Cast off.

FRONT

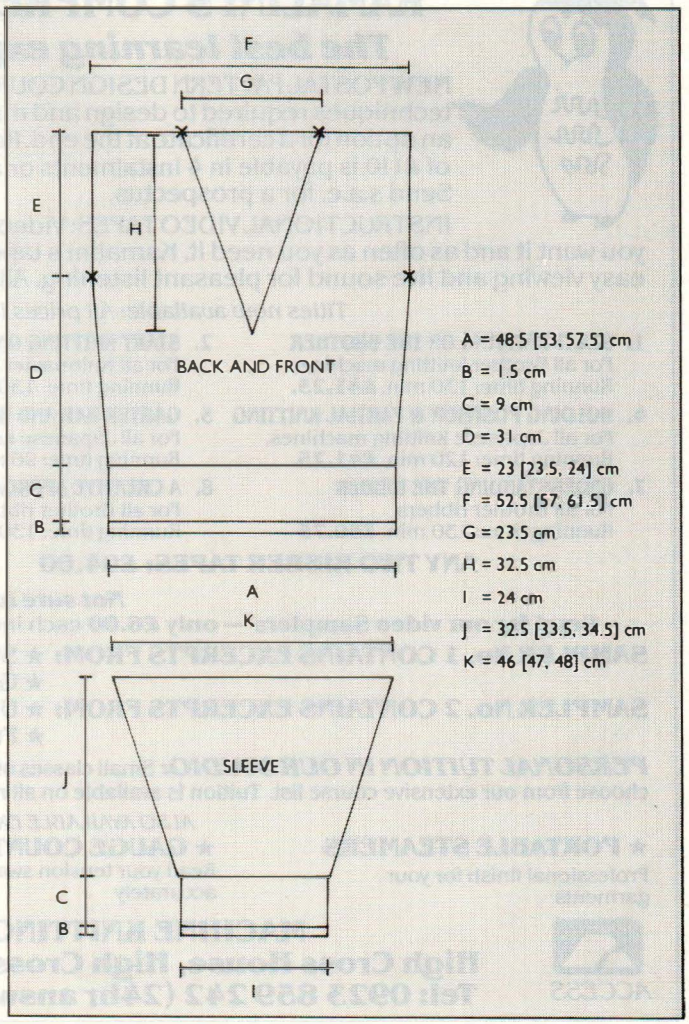
Work as for back to **. K 22 [24, 26] rows.

Shape Neck

Transfer centre st on to adjacent N. Push 81 [88, 95] Ns at left to HP and cont on rem sts for first side. K 2 rows. Dec 1 st at neck edge of next and every foll 3rd row until 69 [77, 85] sts rem. K 0 [1, 2] rows. Place marker at right edge. Cont to dec at neck edge on every 3rd row from previous dec until 45 [52, 59] sts rem. K 16 rows. Cast off. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings by reading left for right.

SLEEVES

Push 75 Ns to WP. Work as for back from * to *. Cont in patt



A = 48.5 [53, 57.5] cm
B = 1.5 cm
C = 9 cm
D = 31 cm
E = 23 [23.5, 24] cm
F = 52.5 [57, 61.5] cm
G = 23.5 cm
H = 32.5 cm
I = 24 cm
J = 32.5 [33.5, 34.5] cm
K = 46 [47, 48] cm

Leggings, KAYS. Jewellery, CAURA.

10 ▶

1

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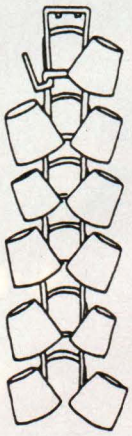

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◀ 8

from chart 2, K 34 rows. Cont in st st. K 22 [20, 21] rows. Shape sides by inc 1 st at each end of next and every foll 3rd row until there are 143 [147, 149] sts. K 2 rows. RC shows 160 [164, 168]. Cast off.

RIGHT NECKBAND

Push 79 Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT–3 and MY, K 1 row. Dec 1 st at right edge of next 5 rows. K 1 row. Inc 1 st at right edge of next 5 rows. 79 sts. Make a hem by placing loops of first row worked in MY on to corresponding Ns. Unravel WY when work is completed. Set RC at 000. Using MT–1, inc 1 st at right edge of next 2 rows. 81 sts. Cont in patt from chart 2. Keeping inc sts in st st, inc 1 st at right edge of next 22 rows. Cont in st st. Using MT, inc 1 st at right edge of next 2 rows. 105 sts. Cast off.

LEFT NECKBAND

Work as for right neckband, reversing shapings by reading left for right.

BACK NECKBAND

Push 40 Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT–3 and MY, K 12 rows. Cast off.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join shoulder seams. Join neckband mitre at centre front. Sew neckband into position, omitting edges of hems (see diagram). Pin back neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in MY. Fold in half and catch down on inside. Join hem on front neckband to back neckband. Set in sleeves between markers. Join side and sleeve seams. It is advisable to run a few strands of yarn round the hem at neck edge to stop band from gaping.

DIAGRAM

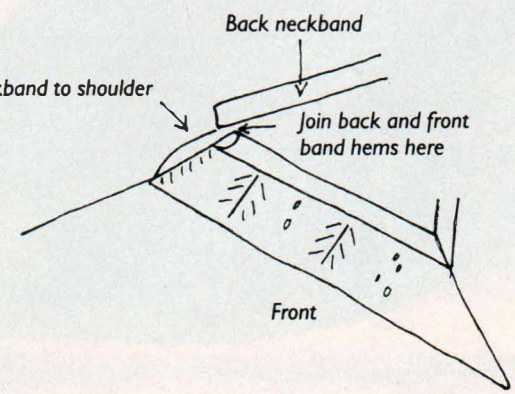


CHART 1

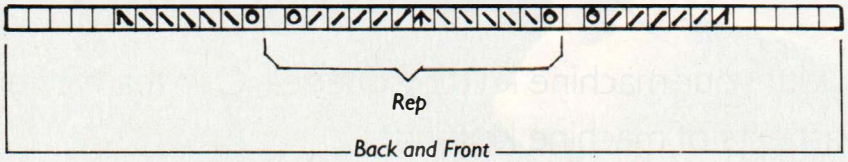
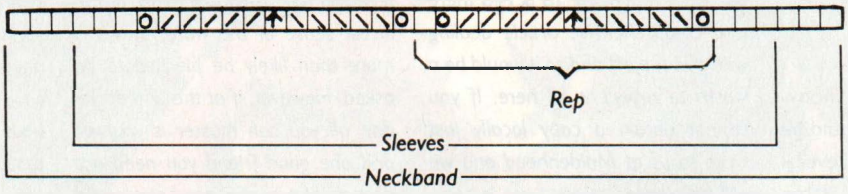
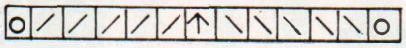
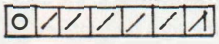


CHART 2



 = Transfer 6 sts at left 1 N to right and 6 sts at right 1 N to left. Leave empty Ns in WP.

= Transfer 6 sts at right 1 N to left. Leave empty N in WP.

 = Transfer 6 sts at left 1 N to right. Leave empty N in WP.

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			£	£
			£	£
			£	£
			Plus p&p	£
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Helpline

Let us help you with your machine knitting queries. Our team of experts are here to advise on all aspects of machine knitting.

CLUBS AND COMMITTEES

This letter is to remain anonymous by request but it should be said that it is only one of several similar letters all on the same subject. Instead of quoting from one of them, I have put together the main ingredients of the various letters and produced my own variation, here it is.

Dear Helpline,
I have just been elected to chair the next committee meeting of our machine knitting club. I am worried silly about this. Although I have been active in our knitting club since it was started over ten years ago, I have always been a 'doer', happy as long as someone else gave me a job to do. I do not think that I am 'leader' material and I just do not know where to start. To add to my troubles, there have been some difficulties within the last few months and all the old committee members have resigned so here I am left holding the baby and wondering where to begin. The first thing I have to do is find some new committee members and because of the 'trouble' no-one is volunteering. Our club has about 50 members on the books with an attendance of about 30 at each meeting. We meet in my local Methodist Church hall and the accommodation suits us very well. Please, Oh please where do I start. How many people do I have to have on a committee and how do I go about persuading them to take the job on?
Yours in hope,
'Worried' from Worthing.

DON'T DESPAIR

Before I launch into a long explanation of the right way to conduct a committee meeting, I should tell you that in the April/May 1994 issue of our sister magazine To & Fro *there is a comprehensive article dealing with this subject and so it would be a waste to repeat it all here. If you cannot obtain a copy locally just write to us at Maidenhead and we will be pleased to send you a copy. The price is £1.75 post free.*

Now for some practical advice. This particular case is representative of quite a number of fairly small clubs where they fall between the categories of large, official club and very small, friendly club. Once a club reaches a certain stage it often becomes necessary for everything to be run on very organised and official lines. However, there is a stage between that of the few friends meeting at one another's homes and the big club and I would say that this is where we are at with this problem.

A NEW START

Our friend is actually in a good position, in that she has the opportunity to make a fresh start and to run things the way she sees best.

HELP

Forget the idea of persuading club members to 'take on' any official tasks, my suggestion to you would be to use what I would call the 'back door' method. This is not to say that it is underhand but it is friendly and hassle-free. Contact one or two of your friends within the club and ask them if they will join you for a coffee and a chat about the club. Make sure that they understand that it just a friendly chat and that you are not going to talk them into taking anything on if they don't wish to do so. To simply ask for help as you have done from us will be your best approach. People usually respond to a genuine request for help.

CHOOSING

If there is someone in the club who you recognise as having a flair for something such as finance or who is good with ideas or likes to get on her feet and talk, then use them, in the nicest sense of the word; they will more than likely be pleased to be asked. However, if at the end of the day, all you can muster is yourself and one good friend you need not despair. I know of many a successful club being run by two members who are good friends.

DELEGATE

If it is the case that you are only two or three people taking overall responsibility for the club, then you will have to delegate the various jobs to other club members. Jobs such as taking the money at the door, organising the teas and coffees (a major consideration!) and other regular tasks must be shared or you will not only dread club night but you will be too tired to enjoy it.

SHORT TERM

Most people do not mind taking on jobs if they can be sure that they are not stuck with them for life and so a rota for bring the tea and so on could be made up. One person could be responsible for it for just three meetings and then it can pass to someone else. A knitting club I visited some time ago had a wonderful system for who made the teas and so on. They drew the raffle at the beginning of the evening and they had two prizes. The two winners received their prizes (usually a cone of yarn) but they also took on the job of tea and coffee making for that evening. I though that was a good system, who wouldn't make a few cups of tea for a cone of yarn!

BACK TO THE MEETING

If you do manage to get a few friends together, or even if it is just you and one other person, you do need to get some ideas and a list down on paper before the next club night. If you can approach the club with some clear ideas and suggestions they will be happy to go along with you. It is only when you start saying 'what do you think?' that the rot sets in and you seem to get nowhere. I don't mean that you should become a dictator, but if you have some ideas and positive thoughts you can take a vote on them and you will be getting somewhere.

SO, TO ACTION

Contact one or two likely friends, get them round for a coffee, get the ideas flowing and then get them down on paper and in some sort of order to present to the club . . . you can do it.

OOPS! A DROPPED STITCH

Dear Helpline,
I am very new to machine knitting and have to say that I am getting on really very well with my Silver Reed punchcard machine and have succeeded in knitting several acceptable jumpers for my husband and children (nothing for myself yet). My biggest problem is unpicking rows and picking up dropped stitches. There must be a correct way of picking up a dropped stitch but I don't seem to have found it. I hope that you will not think that this is too elementary to include in your magazine but there must be other new knitters who are as dim as I am.

Thank you in anticipation.
Dawn Burford,
Newark on Trent, Notts.

You are not dim, Dawn and you are quite right that there is an easy way to pick up a dropped stitch but I do not recall seeing it in any of the standard instruction books that arrive with your machine. First of all you need your latch tool, that is the one that looks like a needle on a handle and in fact that is how you are going

to use it. For this description we are taking about plain stocking stitch.

You need to approach the work from behind. If you think about it, the needles operate from behind the knitting, don't they, so that is what you are going to do. It will probably be difficult to get the head of the tool into the stitch that has dropped because it will have closed up slightly and trying to get the tool in will only result in split yarn. Instead, take the head of the latch tool down a few rows, two or three will do, then insert it from behind, through the stitch and then pull gently downwards on the stitch and the stitches above will unravel until you have one stitch sitting safely inside the latch of the tool. Don't let the resulting ladder worry you, it will close up when you have finished. Now all you have to do is the knit the stitches back up to the top by pushing the tool right through the stitch, towards you, grabbing the bar above and pulling it through the stitch. Continue in this way until all the stitches are picked up and then put the last stitch back on to the empty needle. It sounds much more difficult than it actually is. Don't be afraid to pull the work well forwards, towards you and stretch it so that you can operate easily. It will go back into shape again when you have finished.

AN ALTERNATIVE

Some stitches are too tricky to pick up easily, especially if you do not notice them until you are long past them. If this is the case, just anchor the loose stitch with a hair clip or a paper clip or safety pin and then deal with it when the garment piece is finished and you can get at it more easily. This alternative is one I use when I drop a Fair Isle stitch or one on a ribbed pattern. These stitches are much more easily dealt with afterwards.

UNRAVELLING ROWS

Unravelling is tedious and you should always ask yourself whether or not it would be quicker to start again. Often it is. If you have quite a number of rows to unravel it can take you longer than it would to start again, especially if the knitting involves some increases or decreases.

TAKE NOTE

If you are unravelling a number of rows it is simpler and more reliable to take the row counter back one by one as you unravel each row and then you are less likely to lose count. Don't forget too that if you are patterning you need to make a note of the row on the pattern card and once again I find it safer to turn the card back row by row as I unravel. Then you need to lock the card and read the correct row back into the carriage.

The easiest way to unravel, I find, is to carefully pull the yarn tight from the carriage end so that the stitches are sitting well forward in the latches and then a slight backwards and forwards movement will easily release the stitches without pulling the needles too far forwards and thus taking the stitches behind the latches. Before you push all the needles back into the working position just check that there are not stitches behind the latches and if there are then you need to bring them back or alternatively you can bring all the needles forwards to the holding position and knit them back on the next row. This only applies where there is no patterning in progress.

A USEFUL TIP

A very experienced knitter once told me that the best thing to do when it all 'drops off' is to sling it to one side and start again and only unravel it afterwards. This of course is only OK if you have sufficient yarn, but if you have it is a good tip. If you have spent an hour unravelling a three colour Fair Isle (mohair) you will be in no fit mood to start knitting again . . . know what I mean!

SKINNY RIBS

Our next reader has a question about ribs in fine yarns.

Dear Helpline,
I like knitting with fairly fine yarns, mostly three-ply but sometimes finer. I find that even on the natural fibres I have trouble getting a firm rib that keeps its shape. I have tried on the very fine yarns to knit the ribs with two strands but this has not been very successful and on some yarns it makes the rib look an entirely different colour. Have you any suggestions please. I should add that I do not want to use elastic . . . only as a last resort.
Annette Ross,
Leeds, West Yorkshire.

DOUBLED UP

My favourite method for a firm rib hails from my days of single bed knitting only and it is to knit the rib double as for a mock rib. If the rib should be 30 rows long then knit 60 rows and turn the rib up and join it as you would for a mock rib. This gives a lovely firm rib and is no trouble to do. If you are cutting it fine in your yarn amounts you do need to remember that it will take fractionally more yarn. I very often use this method even on four-ply if I am knitting in pure acrylic. It ensures that the ribs stay firm and they look good too.

For this letter I am changing the name and address because I think that the subject of the letter might get his leg pulled . . . so, Mrs Knitwell from Woolville wrote to us.

'Woe, woe, thrice woe is me. Help is what I need with my little boy's darling feet. My problem is, you see, that my son has the biggest feet I have ever seen. They are size thirteen and measure twelve and a quarter inches long and are eleven inches in circumference. Shoes are difficult to find but I can tell you that socks are impossible!

I have looked everywhere but can find no socks going up to an eleven. Could someone design a pair of white sports socks for his large, but delicate feet. I have tried many ways but he does not like the holey ones I have come up with so far. I have a Knitmaster 600 and ribber, please help a distressed mother and holey-socked son. Yours in anticipation . . .

P.S. I look forward every month to your magazine dropping through my door, I love to turn the pages to see what's in store. It whets my appetite and empties my purse but I still love MMK more . . . cheers to you all.'

What can we say? A year's subscription to the first reader to send in a suitable pattern for our holey-socked friend.

We'll be pleased to hear from anyone who has a specific query on any knitting machine, whether it be a standard, chunky, DK or fine gauge; manual, punchcard or electric model. Your questions might concern a knitting technique, patterning query, use of one of the accessories, or a general problem you are experiencing. Don't forget, it doesn't matter whether you are an experienced knitter or just starting out as a beginner to machine knitting – your query might help others too! Please send your letters to Modern Knitting Helpline, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW. We'll send a Modern Knitting binder to readers whose letters we publish.

Please keep writing

Machine works

ANN KITE

I am very pleased to be joining the regular contributors to *Modern Machine Knitting*. I've been teaching machine knitting, making Open Learning Video Courses and contributing to machine knitting magazines for many years now. In all aspects of my work I've concentrated on teaching and that is what our Editor has invited me to continue doing in these articles. Most of my articles will be ones for you to take to your machine to read and knit.

I am starting with some articles on the basics of what the carriages do. I'm doing this because I find in my classes that many knitters who know **what** to do, don't know **why** they have to do it, or what the carriage is doing while they do it. If you are in this position, it is easy to make mistakes. If you understand what is happening and why you have to do it, it makes doing it correctly (and remembering it) much easier. This philosophy is the foundation of all my teaching, whether it's teaching in person, in an article, or on video.

This month I'm writing about the patterning mechanism of the Silver and Knitmaster punchcard machines.

Let's start by running briefly through the steps you take to pattern knit. You can read and do this at the machine. First, cast on and knit about ten rows of stocking stitch to establish some knitting on the machine. Insert a punchcard. When you join it, make sure the end of the card at the back **stays** at the back. **Don't** bring the back over the front as you join it. If you do, as the card rotates during knitting, the part of the card that is lapped over may catch on the front edge of the card reader. The card may then stop rotating and patterning errors will result.

Lock the card on row one, ready to do the memory row. You have to do this because, until the carriage has passed the punchcard, it doesn't know what the punchcard is saying. You can knit a row of stocking stitch as you do the memory row. However, I prefer to do a free pass because, although you can knit a row of stocking stitch this time, you can't always do so. You can't, for instance, knit a row of stocking stitch half way up the front of a patterned sweater when correcting the pattern after unravelling a row. If you're in the habit of doing a free pass for the memory row, it's one less thing to think about when you **must** do one.

On a modern machine, you can do a free pass using the carriage release button. If you have an older machine, such as a Knitmaster 321 which doesn't have a carriage release button, you can do a free pass by putting the cam lever to slip and both side levers forward on 0.

After one free pass, the punchcard has been read and memorised. However, the yarn is now at the other side of the knitting, so do a second free pass to position the carriage on the same side as the yarn.

Release the card, add the claw weights to the knitting, set the carriage to Fair Isle (cam lever on F; side levers back on ▽), thread the second yarn and you're ready to start knitting.

When you knit Fair Isle, move the first needle of the row to the holding (D) position at the start of every row (the holding levers are set to knit). This ensures that the second yarn always comes to the edge of the knitting. If you leave the first needle in the working position, the second yarn may start several stitches in from the edge (depending on the pattern) and this can create a small hole or a loose stitch at that point.

When knitting with needles in hold and the holding levers on hold, you can still bring the first of the working needles forward, but only as far as the upper working (C) position.

Now let's look in more detail at the patterning mechanism. At the rear of the carriage are the memory drums, one on each side. It is these that read the punchcard and select the needles for patterning.

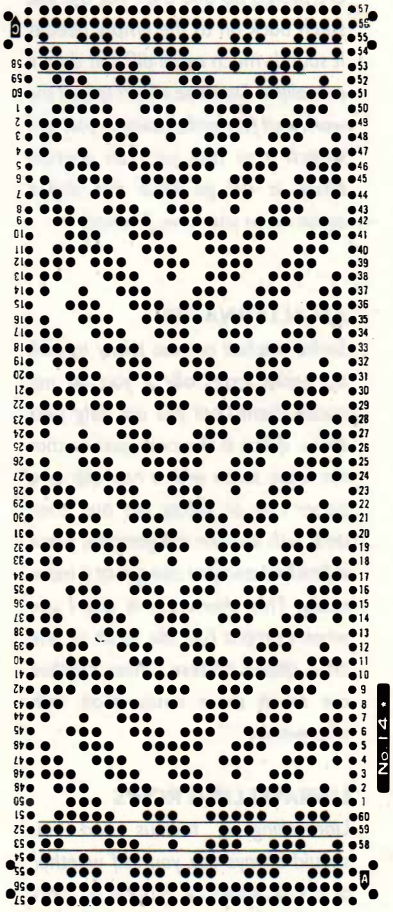
Knit a few rows slowly and watch how the card moves on. After the leading memory drum has completely passed the card reader and before the second drum reaches it, the card moves on and the second drum reads the pattern for the next row. As you change direction at the end of the row, the second memory drum becomes the leading drum. The **leading** drum selects the needles for the pattern on the row that you are knitting, while the **second** drum reads the pattern for the **next** row.

Perhaps you can see now why you have to lock the card while doing the memory row. If the card is positioned on row one, but not locked, when the carriage passes it, the card will be moved on to row two and then row three during the second free pass. The first two rows of the pattern would be lost.

Similarly, if you have to unravel, you turn the card back by the number of rows unravelled and lock it, while memorising the corrected row.

I've been writing about the needles being selected for the pattern and you may be wondering what I mean. After all, on a Silver or Knitmaster machine the needles are in working position at the start and finish of a row of pattern knitting. So when are

Use your pre-printed cards to remind you how to punch your own cards.



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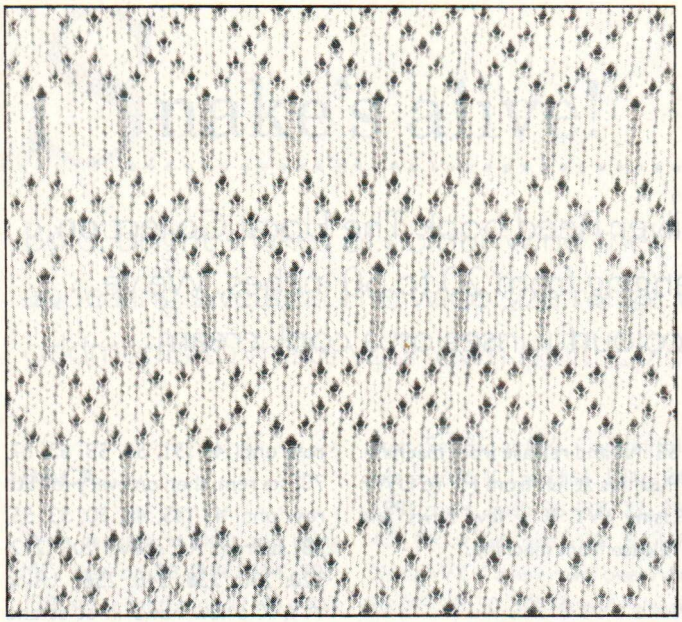


Punch lace knitted with the main carriage on a punchcard machine

they selected? Well, if you're pattern knitting and different needles are doing different things on the same row, **something** must be happening to decide which needle does what! The needles are being selected.

You can see this selection. Remove your knitting from the machine. Leave the punchcard in and the needles in working position. Now pass the carriage slowly across, without the sinker plate, watching the movement of the needles. They move in a wave motion, but there are two waves, one within the other. This is the selection in progress. (During stocking stitch knitting there is a single wave.)

Stand up and look down on the carriage and in particular at the memory drum as it passes the card reader. The feelers on the card reader move in and out, indicating either a blank or a punched hole and this moves the levers on the memory drums.

Now take your carriage off the needlebed and examine the underside. Beneath the carriage there is another pair of memory drums, one at each side – each relating to the memory drum immediately behind it on the rear of the carriage. The levers on the second set of memory drums are positioned by the levers on the rear memory drums, so in effect they copy them.

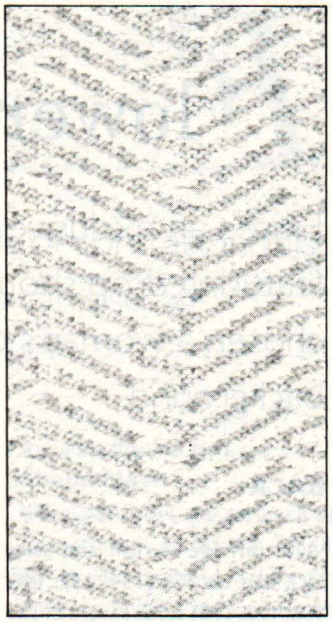
Locate the side lever on the carriage. (It should be back in the ▽ position.) Now imagine the butt of the needle passing into the carriage just in front of the side lever. The first thing it will do is to pass immediately in front of a 'copy' memory drum. It will then move into a channel, towards the rear or the front of the carriage depending on the position of the lever on the memory drum which pushes it on its way. The needles then follow slightly different paths through the underside of the carriage. The exact paths will vary with the position of the cam lever.

Then move the side lever forward to the 0 position. Imagine the butt of the needle entering the carriage now. It will go behind the side lever and the butt will pass across the metal plate covering the base of the 'copy' memory drum, so selection will not take place. All the needles will go through the same channel.

The side levers must be back on ▽ during pattern knitting.

While the carriage is off the needlebed, let's look at the memory drums in more detail. Each drum has 24 levers, one for each position on the punchcard. The rear memory drums lock into the rear of the needlebed and rotate one position for every needle position. So each lever on the memory drum 'reads' one column on the punchcard and selects every 24th needle. On the needlebed the central pattern repeat runs from needle number 12 on the left to needle number 12 on the right. The pattern repeats outwards every 24 stitches from that central repeat to the edge of the knitting.

I can remember when I got my first machine and I tentatively tried some pattern knitting. I was thrilled to bits with the results (just a straight strip of Fair Isle!), but I was rather worried and puzzled about what would happen when I increased or decreased. When I plucked up courage to try, I was relieved to find that the pattern didn't move sideways! Well, we all have to start at the beginning, but I still get a thrill when a pattern I haven't knitted before starts emerging on the machine.

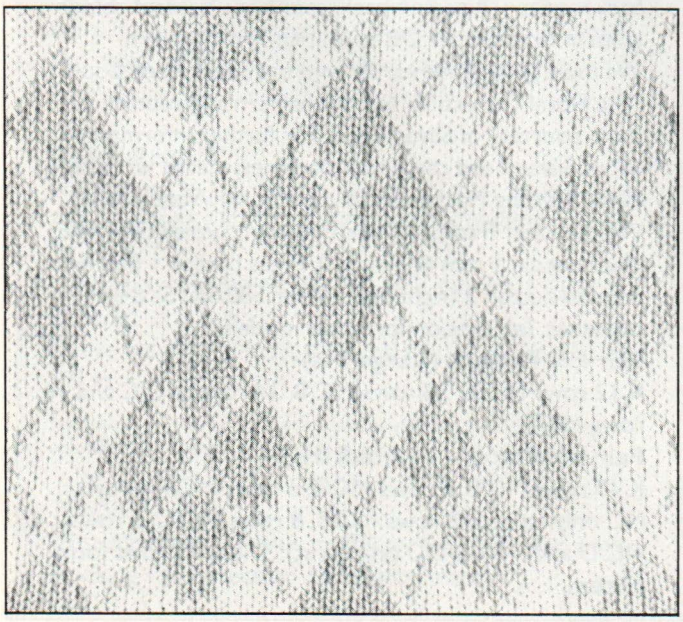


Slip stitch knitted on a punchcard machine

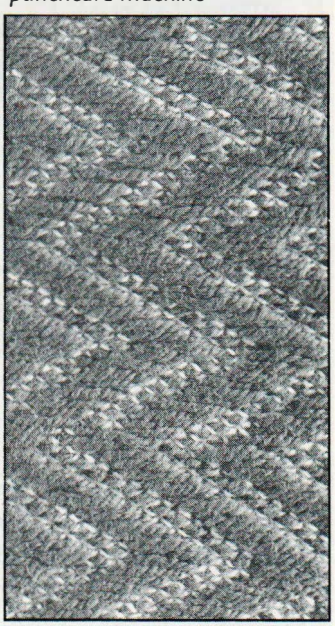
Normally you don't take the carriage off the needlebed during pattern knitting, since the memory drums can then spin freely. When the carriage is replaced on the needlebed, if you just continue knitting, the pattern will be displaced sideways on the first row knitted. If you **do** have to remove the carriage during pattern knitting, after replacing the carriage, lock the card, then re-memorise it.

For the next part of the exercise we look at knitting garments in Fair Isle.

Fair Isle knitted on a punchcard machine



Weaving knitted on a punchcard machine



Flower girl

Here's an exclusive design from the new Silver Reed book The Floral Collection, featuring drop shoulder patterns in sizes ranging from 20 to 50 inches. We've chosen a woman's cardigan with bands of colourful irises on a cool, cream background.

BACK

With carriage at right and using MC, cast on 128 [134, 142, 148, 156, 162, 170] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Insert card 1 and lock on first row. Set RC at 000. Using MT–5/MT–5, K 25 [29, 29, 29, 29, 29, 29] rows. Transfer sts for st st. Using MT, K 1 row. Set RC at 000. Release card and cont in Fair Isle patt 1. K 96 rows. Remove card. Insert card 2 and lock on first row. Cont in st st and MC. K 6 rows. Release card and cont in Fair Isle patt 2. K 18 [16, 20, 24, 26, 30, 34] rows. RC shows 120 [118, 122, 126, 128, 132, 136]. Place marker at each end *. K 86 [94, 98, 104, 110, 116, 120] rows. RC shows 206 [212, 220, 230, 238, 248, 256]. Using a length of MC, cast off centre 42 [44, 46, 48, 50, 52, 54] sts. Push 43 [45, 48, 50, 53, 55, 58] Ns at left to HP. Using WY, K a few rows in st st over rem 43 [45, 48, 50, 53, 55, 58] Ns and release from machine. Push Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

RIGHT FRONT

With carriage at right and using MC, cast on 64 [67, 71, 74, 78, 81, 85] sts at right of centre in 1x1 rib. Work as for back from * to *.

**** Shape Front Edge**

Dec 1 st at left edge on every 4th row until 45 [51, 54, 58, 63, 67, 70] sts rem, then on every foll 5th row until 43 [45, 48, 50, 53, 55, 58] sts rem. RC shows 206 [212, 220, 230, 238, 248, 256]. Using WY, K a few rows in st st and release from machine **.

LEFT FRONT

With carriage at right and using MC, cast on 64 [67, 71, 74, 78, 81, 85] sts at left of centre in 1x1 rib. Work as for back from * to *.

pattern 2

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Silver Reed standard gauge electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Bramwell Fine 4-ply. (Yarn Guide No. 11.)
1 x 500g cone in Warm White (MC).
A small amount in Moss Green (A), Christmas Green (B), Amethyst (C), Mauve (D), Fuchsia Pink (E) and Dusty Pink (F).
6 buttons.

GARMENT WEIGHT

Finished garment in second size weighs 350g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co Ltd., Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington BB5 5TU.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 82 [87, 92, 97, 102, 107, 112] cm, 32 [34, 36, 38, 40, 42, 44] in.
Actual size 90 [94, 100, 104, 110, 114, 120] cm, 35½ [37, 39½, 41½, 43½, 45, 47½] in.
Length to shoulder 56 [58.5, 60.5, 63, 65, 67, 69] cm, 22 [23, 24, 25, 25½, 26½, 27½] in.
Sleeve seam 42.5 [43, 44, 44.5, 45.5, 46, 47] cm, 17 [17, 17½, 17½, 18, 18, 18½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

28 stitches and 41 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.
Before knitting, prepare any electronic sheets needed, from the charts provided.
Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.
We used Silver Reed cards from the Silver Reed Book 1 'The Floral Collection' for this pattern and reproduce them courtesy of Silver Reed. For further information about Silver Reed cards and machines, please write to Silver Knitting Machines Ltd., Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.
Place needle 1 cam at centre 0. Press button 1 (left light on) and button 2 (right light on for 580 and SK840 machines, left light on for other models).

Fair Isle Pattern (Large Iris)

K 12 rows MC/A, 54 rows MC/B, 14 rows MC/C and 16 rows MC/D.

Fair Isle Pattern 2 (Small Iris)

K 18 rows MC/B, 8 rows MC/E, 6 rows MC/F, 4 rows MC only (st st), 18 rows MC/B, 8 rows MC/C, 6 rows MC/D and 4 rows MC only (st st). These 72 rows form pattern.

Shorts, TABI. Pink vest, KAYS. Necklace, ACCESSORY TO.

18 ▶

2

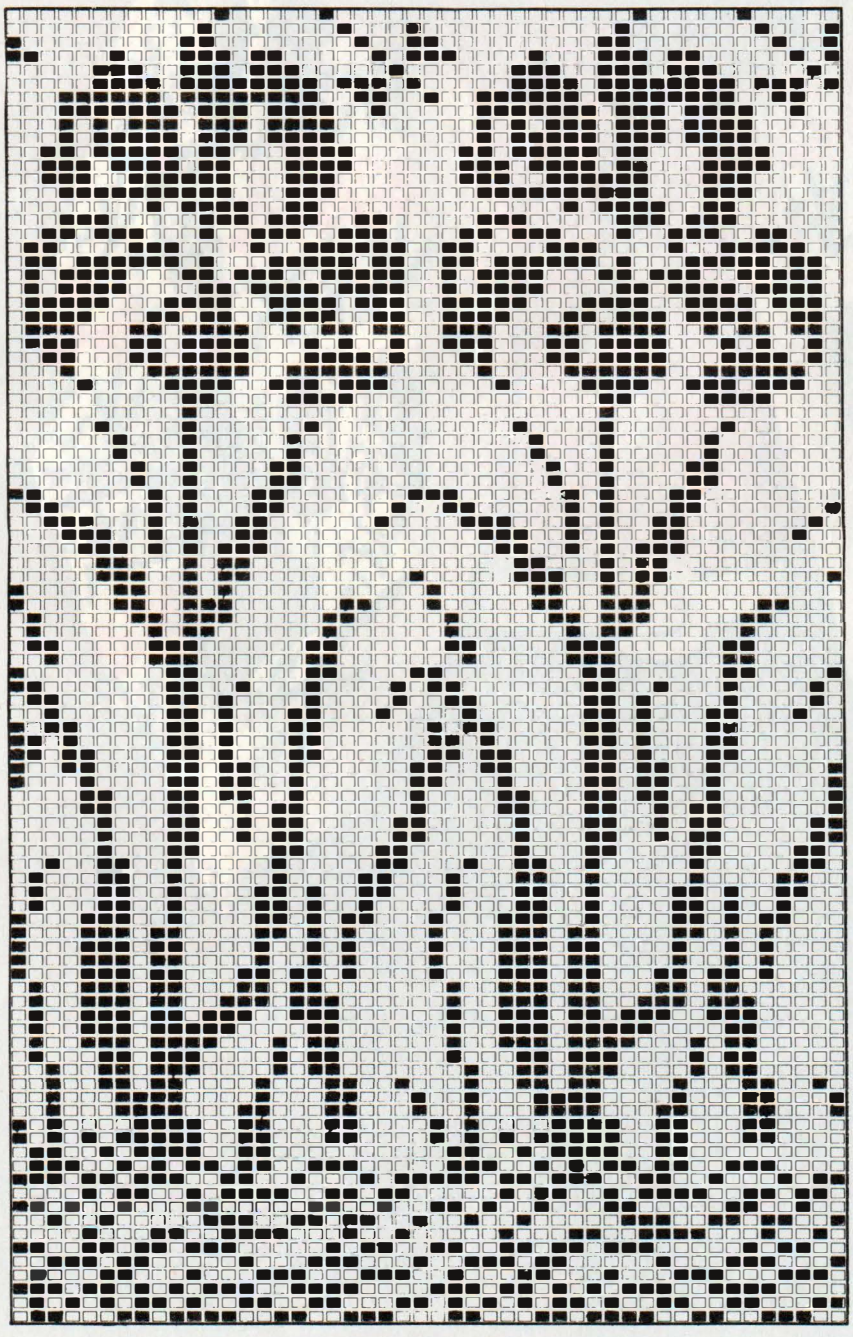
Flower girl

◀ 16

Work as for right front from ** to **, reversing shapings by reading right for left.

SLEEVES

With carriage at right and using MC, cast on 64 [64, 66, 68, 70, 72, 72] sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Insert card 2 and lock on first row. Set RC at 000. Using MT–5/MT–5, K 31 rows. Transfer sts for st st. Using MT, K 1 row. Set RC at 000. Release card and cont in Fair Isle patt 2. Shape sides by inc 1 st at each end of next and every foll 5th [4th, 4th, 4th, 3rd, 3rd, 3rd] row until there are 112 [82, 106, 134, 78, 92, 108] sts, then on every foll 6th [5th, 5th, 5th, 4th, 4th, 4th] row until there are 120 [126, 134, 142, 150, 156, 162] sts. K 4 [3, 3, 3, 2, 2, 2] rows. RC shows 144 [146, 150, 152, 156, 158, 162]. Cast off.



ELECTRONIC CHART 1

TO JOIN RIGHT SHOULDER

Push 43 [45, 48, 50, 53, 55, 58] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT+1 and MC, K 1 row. Cast off.

TO JOIN LEFT SHOULDER

Work as for right shoulder, but read left for right.

FRONT BORDER

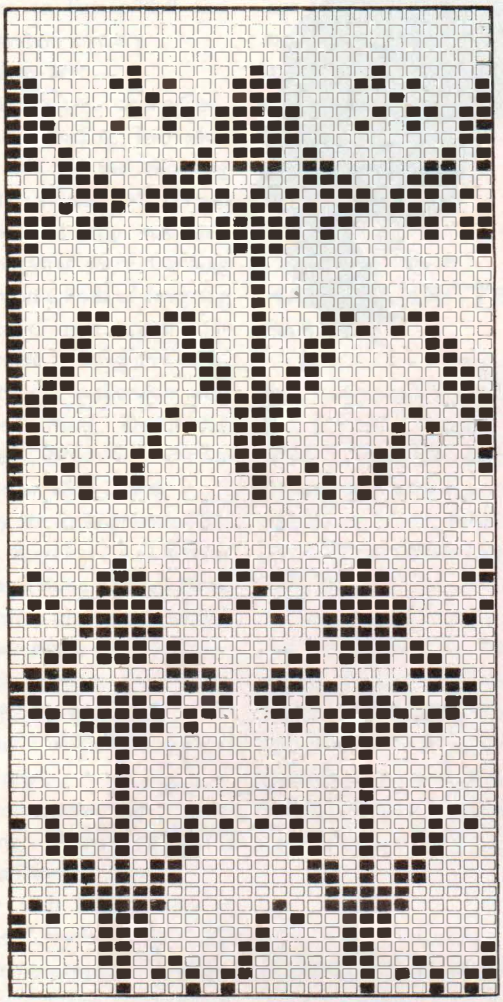
With carriage at right, push 11 Ns on each bed to WP for double rib. Using MC, cast on. K 5 tubular rows. Carriage is at right. Set carriage for double rib knitting. Set RC at 000. Using MT–2/MT–2, K 6 [8, 7, 6, 8, 7, 6] rows. * Make an eyelet buttonhole over centre N on each bed. K 25 [25, 26, 27, 27, 28, 29] rows. Rep from * 4 times more. Make another buttonhole over same Ns as before. K until long enough to go along right front edge, across back of neck and along left front edge. Transfer sts to main bed. Cast off.

PRESSING

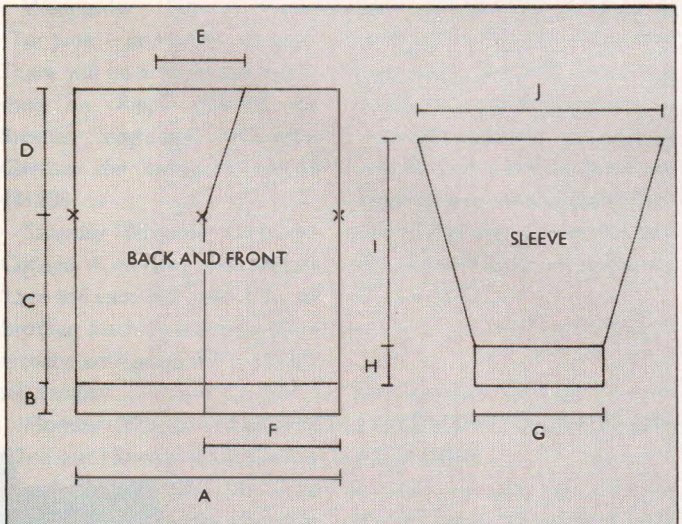
With wrong side facing, pin out all pieces to measurements given. Cover with a damp towel and leave until dry.

MAKING UP

Set in sleeves between markers. Join side and sleeve seams. Sew front border into position. Sew on buttons.



ELECTRONIC CHART 2



A = 45.5 [47.5, 50.5, 52.5, 55.5, 57.5, 60.5] cm

B = 6 [7, 7, 7, 7, 7, 7] cm

C = 29 [28.5, 29.5, 30.5, 31, 32, 33] cm

D = 21 [23, 24, 25.5, 27, 28, 29] cm

E = 15 [15.5, 16.5, 17, 17.5, 18.5, 19] cm

F = 22.5 [23.5, 25, 26, 27.5, 28.5, 30] cm

G = 22.5 [22.5, 23.5, 24, 25, 25.5, 25.5] cm

H = 6.5 cm

I = 35 [35.5, 36.5, 37, 38, 38.5, 39.5] cm

J = 42.5 [45, 47.5, 50.5, 53.5, 55.5, 57.5] cm

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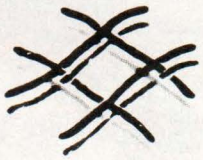

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D4

Finishing touch

GARMENT TECHNIQUES

This month, I've used several techniques that have been covered fully in previous issues of the magazine. However, for the benefit of new readers, I'll briefly explain them again.

The red, evening jacket featured this month, is basically stocking stitch, with a deep back yoke extended to the front shoulder area. It's knitted in beaded tuck stitch and has four row pin tucks surrounding the yoke. The hems and cuffs are also knitted in beaded tuck.

The hems and cuffs are added after the main pieces have been knitted so that the stitches can be reduced. If we were to cast on and knit the hems and cuffs at the beginning of the sections they would finish up wider than the main parts. Obviously this would not be acceptable.

WORKING WITH BEADS

Beads can be added to any fabric, whether plain stocking stitch or a patterned fabric is chosen. Obviously a little more care must be taken with patterned fabrics to ensure that the bead placement is exactly where you want it.

Knitters who have never used beads before might like to try some stocking stitch beading first and then progress to tuck. You will need a fine crochet hook (I use a 1.25 mm hook), a bead tool, or a blunt ended needle threaded with strong cotton.

The bead is placed on to the crochet hook or bead tool. The stitch is then removed from its needle with the hook (tool) and pulled through the bead. When the bead is safely encircling the stitch, the stitch can be returned to the needle with the hook or tool. When using a crochet hook, it may help at first to transfer the stitch from the hook on to a single transfer tool and then return it to the needle. With practise this becomes unnecessary!

To achieve the same result with needle and thread, first tie a single bead to the end of the doubled cotton after it is threaded into the needle. You can now thread some beads on to the cotton ready for transferring to the stitches.

Put the point of the sewing needle through the centre of the stitch on which you wish to place the bead. Twist the needle sideways and lift the stitch from the needlebed. Allow the stitch to fall on to the sewing cotton and then point the needle downwards into the first bead at the top of the cotton. Push the needle right through the bead and slide the bead on to the knitted stitch. Pull gently on the stitch to enlarge the loop slightly and pop it back on to the machine needle. Pull the sewing needle back out of the stitch.

The main difference between adding a bead to stocking stitch and tuck stitch is that there will be tuck loops held on the needle as well as the stitch on to which you will place the bead. Ignore the tuck loops, just locate the knitted stitch and put the bead on to it as usual. Make sure that the tuck loops are still held in the needle hook before you knit the row.

If the beads seem a little close to the sinker plate, pull gently on the fabric as you knit the first row after beading.

PIN TUCK HEMS

A pin tuck hem is very easily made by knitting four (or more) rows and then picking up the stitches from the first row knitted before placing them on to the needles and knitting the next row.

For this garment, I have actually joined the yoke to the main garment pieces with pin tuck hems. To do this it was necessary to pick up the edge of the garment on to the needles (except for the fronts, where the stitches remained in the needles when the pieces were finished), knit the four rows and turn up the hem, knit one row to seal the hem and then turn the work to attach the yoke.

Waste yarn can be used for turning work by knitting several rows and then dropping the work from the machine. However, this turning is made much quicker by the use of the garter bar – one of my most valued pieces of equip-

22 ▶

Decorative Hand Tooling

with Angela Gordon

in Maidenhead

22nd June 1994

Spend a day at our magazine's Maidenhead workroom, trying a selection of hand tooling techniques in a variety of standard and more unusual yarns. If you fancy some light weight vertical weaving and loop stitch embroidery, or the heavier single bed quilting and ruching, now is your chance to try these techniques, and others, under expert supervision.

For an enrolment form and full details of the course please send a stamped addressed envelope to:

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Finishing touch

◀ 21

ment. Time spent mastering the garter bar will save you hours of work (and miles of waste yarn!) in the future.

THE GARTER BAR

The garter bar comes in several pieces. There are two needle spacing/steadying plates which fit over the sinker posts and needle butts. These must be adjusted to fit your machine if they are to work correctly. Undo the screws, squeeze the bar together whilst it is over the needle butts and sinker posts and tighten the screws. The stitch holders/turners come as two separate hundred-needle pieces and one fifty-needle piece. One of the hundred-needle pieces can be attached either to the fifty-needle piece or the other hundred-needle piece as required.

If you have other pieces with your garter bar, ignore them for now. Follow the step-by-step instructions below to practise turning your work. Start with fifty stitches and gradually work your way up to larger numbers. You will then feel confident about using it for the hem turning.

USING THE GARTER BAR TO TURN WORK

1. Push all needles containing work to holding position.
2. Slide the knitting slightly forward of the sinker posts.
3. Fit the needle spacing bar over the needle butts and sinker posts.
4. With grooves (hollow, not ridge) uppermost, place the eyes of the garter bar on to the needle hooks.
5. Keep the bar level with the needles, hold it firmly in place and slide the knitting towards you to close all latches.
6. Pull the knitting firmly on to the prongs of the garter bar, pulling the work as far as it will go into the round eyelet shape at the neck of the prongs.
7. Push the garter bar towards the knitting machine slightly, just enough to open all the needle latches, then lift it and the knitting off the needles. Lightly run your finger across the latches to open them completely so that they are laying flat ready to receive the turned work.
8. Turn the garter bar over so that the knitting is uppermost. Place the grooves over the needle hooks in a position so that the needle hook is in the groove behind the stitches.
9. Keep the garter bar level with the needles and gently pull backwards (towards yourself) until you FEEL the needles grip the stitches firmly.
10. Tilt the base of the garter bar downwards and check that every stitch has caught. Stray loose stitches can be hooked on to the needles with a single transfer tool.
11. When working with a short piece of knitting, such as at the hem of a garment, hook a claw weight into the fabric at each end before you remove the garter bar. Otherwise the work will curl upwards and the stitches may come off the needles.
12. Pull the garter bar gently out of the work, pushing the base towards the needlebed to ensure that the eyes of the bar do not end up on the needles behind the stitches.
13. Push all the knitting to the back of the needles, next to the sinker posts and remove the needle spacer/steadier bars.
14. Take the yarn over the top of the needles, set the carriage to hold and pass it across the work to the same side as yarn.
15. Turn the row counter back by one row and continue knitting.

I hope that these technique tips will help you to knit the jacket with ease and will also prove useful for future projects. Do learn to use your garter bar, not only for turning work, but also as a stitch holder for keeping shoulder stitches and such like ready for joining without resorting to waste knitting.

Summer jacket

Angela Gordon's exclusive design for us features techniques described in this month's *Finishing Touch* article. Read her technique tips first to help knit this jacket with ease.

YOKE

Using MY, cast on 3 sts at centre by hand with extra stitch at left. Insert card 1 and lock on 11th row. Set RC at 000. Using MT, K 2 rows. Release card and cont in tuck st (placing a bead on to the last st of the tuck triangles as described in Knitting Notes) and, AT THE SAME TIME, inc 1 st at each end of next and every foll 3rd row, make sure that the end sts knit rather than tuck to ensure that increased sts knit properly by bringing the end Ns to UWP on every row. Inc by picking up the heel of the end st and placing it on to the next N out. Cont to inc on every 3rd row until there are 111 [111, 115, 111, 107] sts.

2nd, 3rd, 4th and 5th Sizes

Inc 1 st at each end of every foll 4th row until there are [113, 117, 119, 121] sts.

All Sizes

RC shows 162 [166, 172, 178, 184]. Place marker at each end. K 6 rows.

Shape Neck

Note patt row on card. Using a length of MY, cast off centre 21 [23, 27, 29, 31] sts. Using nylon cord, K 45 sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 3 sts at beg of next and every foll alt row until 30 sts rem. K 16 rows.

Shape Shoulder

Cast off 3 sts at beg of next and foll 8 alt rows, K 1 row. Cast off 24 ▶

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Silver Reed standard gauge punchcard or electronic machines.

MATERIALS

Forsell Superwash Pure Wool 4-ply. (Yarn Guide No. 11.)
1 [2, 2, 2, 2] x 500g cones in Red (MY).
Approximately one and a half tubes of knitting beads (135 beads per tube).

GARMENT WEIGHT

Finished garment in second size weighs 540g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address:- T. Forsell & Son Ltd., Blaby Road, South Wigston, Leicester LE8 2SG.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 82 [87, 92, 97, 102] cm, 32 [34, 36, 38, 40] in.
Actual size 95 [100, 106, 111, 116] cm, 37½ [39½, 42, 44, 46] in.
Length to shoulder 70 [70.5, 71.5, 72.5, 73.5] cm, 27½ [28, 28, 28½, 29] in.
Sleeve seam 45 cm, 18 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

32 stitches and 41 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 7).

29 stitches and 63 rows to 10 cm, 4 in measured over tuck stitch (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment, with purl side of knitting as right side of yoke, welts and cuffs.
Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
We used a Silver Reed card for the yoke and reproduce it courtesy of Silver Reed. For further information about Silver Reed cards and machines, please write to Silver Knitting Machines Ltd., Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.
When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.
Knit the yoke first so that it can be joined to the fronts as they are knitted.
A bead is positioned on the centre stitch of each triangular pattern before the tuck loops are knitted off. Remove the stitch from the needle and put the bead on to it, leaving the tuck loops still held in the needle hook, then return the stitch to the same needle. The tuck loops will surround the bead when they are knitted off.

Silver Reed Electronic Machines (Card 1)

Place needle 1 cam between Ns 12 and 13 at left or right of centre 0. Press button 1 (right light on) and button 2 (left light on for 580 and SK840 machines, right light on for other models).

Silver Reed Electronic Machines (Card 2)

Place needle 1 cam at centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK 840 machines, right light on for other models).

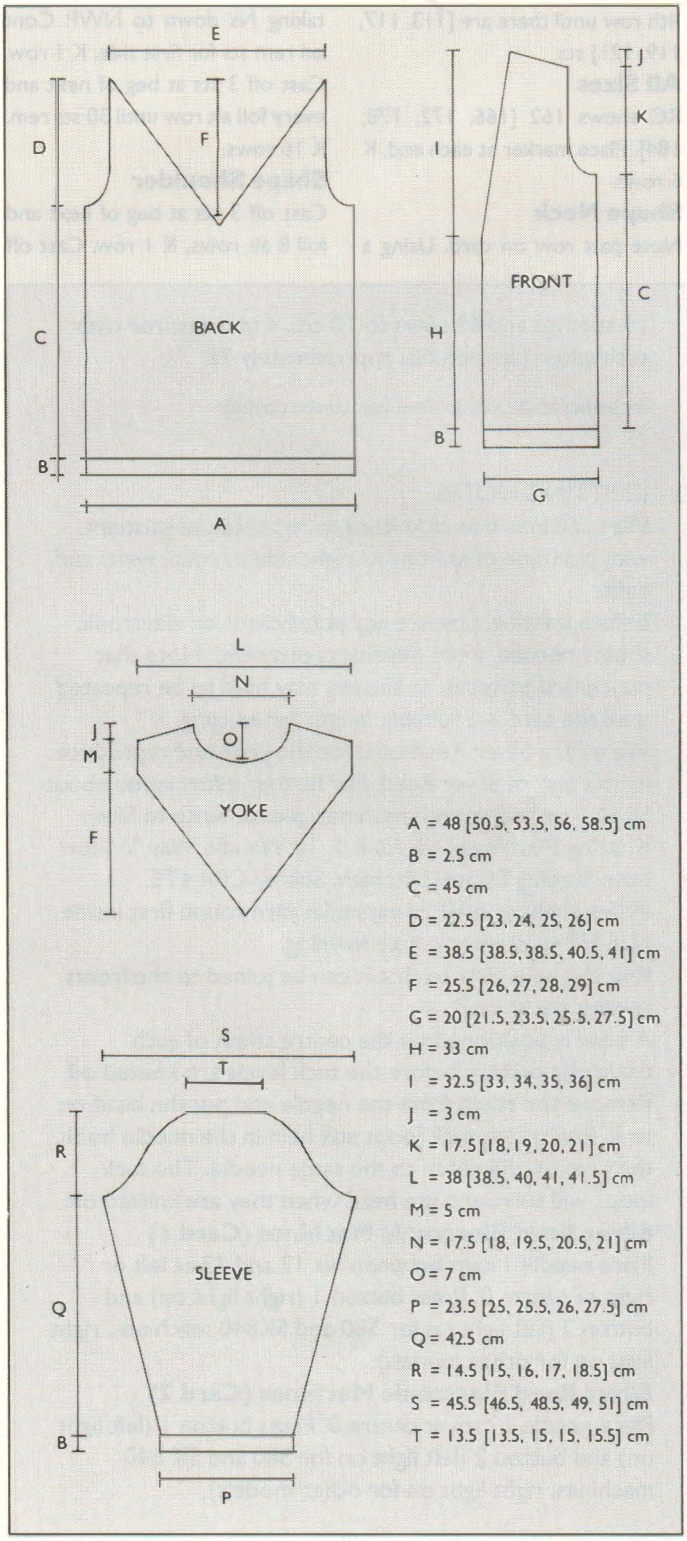
pattern 3

Summer jacket

rem 3 sts. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in tuck st. Finish to correspond with first side, reversing shapings.

BACK

Push 154 [162, 172, 180, 188] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at left. Using nylon cord, K 1 row. Set RC at 000. Using MY, K 172 rows.



A = 48 [50.5, 53.5, 56, 58.5] cm
B = 2.5 cm
C = 45 cm
D = 22.5 [23, 24, 25, 26] cm
E = 38.5 [38.5, 38.5, 40.5, 41] cm
F = 25.5 [26, 27, 28, 29] cm
G = 20 [21.5, 23.5, 25.5, 27.5] cm
H = 33 cm
I = 32.5 [33, 34, 35, 36] cm
J = 3 cm
K = 17.5 [18, 19, 20, 21] cm
L = 38 [38.5, 40, 41, 41.5] cm
M = 5 cm
N = 17.5 [18, 19.5, 20.5, 21] cm
O = 7 cm
P = 23.5 [25, 25.5, 26, 27.5] cm
Q = 42.5 cm
R = 14.5 [15, 16, 17, 18.5] cm
S = 45.5 [46.5, 48.5, 49, 51] cm
T = 13.5 [13.5, 15, 15, 15.5] cm

Shape Yoke Cutout

Using nylon cord, K 77 [81, 86, 90, 94] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at left edge of next 12 [12, 11, 12, 11] rows. K 0 [0, 1, 0, 1] row.

Shape Armhole

Dec 1 st at left edge of every row and, AT THE SAME TIME, cast off 8 [9, 10, 10, 12] sts at beg of next row.

1st and 2nd Sizes

Dec 1 st at armhole edge on every alt row until 50 [56] sts rem.

All Sizes

Dec 1 st at each end of every alt row until 40 [38, 36, 37, 38] sts rem. Cont to dec at left edge only on every alt row until 1 st rem. Fasten off. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Finish to correspond with first side, reversing shapings by reading right for left.

Shape Shoulder

Dec 1 st at front edge on 7th [7th, 6th, 5th, 5th] row from previous dec and, AT THE SAME TIME, push 5 Ns at right to HP on next and foll 5 alt rows, K 1 row. Push Ns from HP to UWP. K 1 row.

To Join to Yoke

Using MT–1, K 4 rows. Make a hem by placing loops of first row on to corresponding Ns. K 1 row. Using WY, K a few rows and release from machine (or use garter bar), leaving empty Ns in WP. With K side facing, replace sts on to Ns. Unravel WY. Check that you will attach the correct yoke to the correct front by locating the neck edge of each piece. As you have just turned the right front, the neckline edge will be to your right. With K side of yoke facing, pick up sts and place on to same Ns. K 1 row. Cast off.

RIGHT FRONT

Push 64 [70, 76, 82, 88] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at left. Using nylon cord, K 1 row. Set RC at 000. Using MY, K 136 rows.

Shape Front Edge

Dec 1 st at left edge of next and every foll 8th [7th, 7th, 6th, 5th] row until 58 [63, 69, 74, 78] sts rem. K 7 [5, 5, 5, 2] rows. RC shows 184.

Shape Armhole

Cont to dec at front edge on every 8th [7th, 7th, 6th, 5th] row from previous dec and, AT THE SAME TIME, cast off 8 [9, 10, 10, 12] sts at beg of next row. Dec 1 st at armhole edge of every alt row until 41 [41, 41, 43, 43] sts rem. Cont to dec at front edge only on every 8th [7th, 7th, 5th, 5th] row from previous dec until 36 [35, 35, 35, 35] sts rem, then on every foll 7th [7th, 6th, 5th, 5th] row until 33 sts rem. K 1 [1, 0, 0, 2] rows. RC shows 255 [257, 261, 265, 269].

LEFT FRONT

Work as for right front, reversing shapings by reading left for right and right for left.

SLEEVES

Push 76 [80, 82, 84, 88] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at left. Using nylon cord, K 1 row. Set RC at 000. Using MY, shape sides by inc 1 st at each end of every 4th row until there are 86 [90, 112, 114, 128] sts, then on every foll 5th row until there are 146 [150, 156, 158, 164] sts. K 4 rows. RC shows 174.

Shape Top

Cast off 8 [9, 10, 10, 12] sts at beg of next 2 rows. Dec 1 st at each end of every row until 102 [104, 112, 116, 124] sts rem, then on every foll alt row until 72 [72, 72, 70, 66] sts rem, then on every row until 44 [44, 48, 48, 50] sts rem. Cast off.

BACK WELT

Push 131 [138, 147, 153, 160] Ns to WP. With K side of back facing, replace sts from lower edge on to Ns, dec evenly. * Pull out nylon cord to remove WY. Insert card 2 and lock on first row. Take carriage across twice without knitting. Set RC at 000. Using MT–1 and MY, K 1 row. Release card and cont in tuck st. K 10 rows (placing a bead on to every centre tuck st as before). K 12 rows without beads. Cont in st st. Using MT, K 1 row. Using WY, K a few rows and release from machine (or use garter bar), leaving empty Ns in WP. With K side facing, replace sts on to Ns. Unravel WY. Make a hem by placing P loops of first row below welt on to corresponding Ns (take care to double sts where they were doubled in the original dec). K 1 row. Cast off loosely *.

FRONT WELTS

Push 55 {60, 65, 70, 75] Ns to WP. With K side of front facing, replace sts from lower edge on to Ns, dec evenly. Work as for back welt from * to *.

CUFFS

Push 57 [60, 62, 63, 66] Ns to WP. With K side of sleeve facing, replace sts from lower edge on to Ns, dec evenly. Work as for back welt from * to *.

TO JOIN YOKE TO BACK

Push 92 [94, 100, 102, 106] Ns to WP. With P side of back yoke cutout facing, pick up one of the diagonal edges evenly and place on to Ns. Using MT–1 and MY, K 4 rows. Make a hem by placing loops of first row on to corresponding Ns. K 1 row. Using WY, K a few rows and release from machine (or use garter bar), leaving empty Ns in WP. With K side facing, replace sts on to Ns. Unravel WY. With K side of yoke facing and ensuring lower point of yoke is at lower point of cutout, pick up sts and place on to same Ns. K 1 row. Cast off. Rep for other side.

FRONT BAND

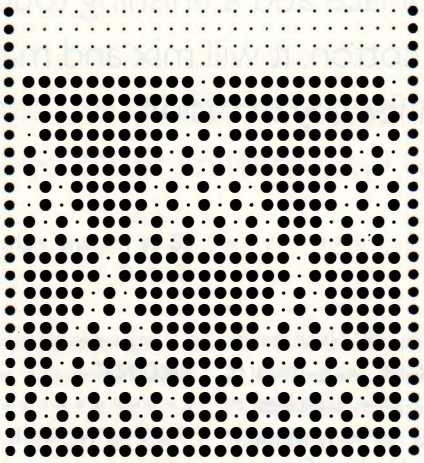
This is joined to the edge of the jacket as it is knitted, by picking up the edge loops on every alt row. Pick up the loops and not the knots and take a full st not just a half st (1 loop), this will ensure a neat join. With carriage at right and using MY, cast on 19 sts by hand. With P side facing and left front held upright, pick up the first st at the edge and place on to end N. Using MT–••, K 2 rows. Pick up next loop, K 2 rows. Cont in this way up the left front, around the back neck and down the right front. Ease the back neck sts in slightly – do not stretch or the neck will be too wide. Knitting this way with the tension adjusted by two dots will ensure the band is the correct length. Cast off.

PRESSING

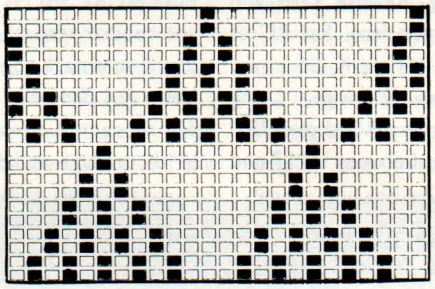
With wrong side facing, pin out all pieces to measurements given. Steam carefully. when pressing the welts and cuffs, gently ease the knit part into scallops and steam well.

MAKING UP

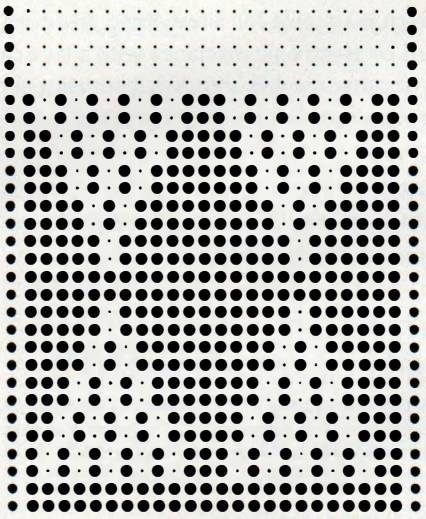
Join side and sleeve seams. Set in sleeves, gathering fullness across the straight area. Stitch the point of the yoke pin tucks tog. Fold band in half and slip st on the wrong side.



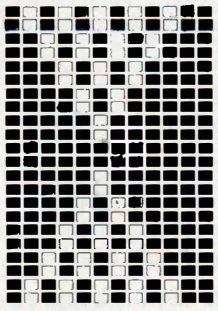
PUNCHCARD CHART 1



ELECTRONIC CHART 1



PUNCHCARD CHART 2



ELECTRONIC CHART 2

Borderline

Bands of lace add a finishing touch to the edges of this pretty summer top. Knitted in cool cotton, it will mix and match with most summer separates and be smart enough for any occasion.

BACK

Push 160 [174, 188] Ns at centre to WP. Cast on using chain st method. K 1 row. Carriage at right. Change to lace carriage. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in fashion lace. Set RC at 000. Using MT–1, K 26 rows. Change to main carriage *. Using MT, K 256 rows. RC shows 282. Place marker between sts 27 and 28 at left and right of centre 0. Cast off.

FRONT

Work as for back to *. K 172 rows.

Shape Neck

Push 80 [87, 94] Ns at left to HP and cont on rem sts for first side. Dec 1 st at neck edge of next and every foll 3rd row until 53 [60, 67] sts rem. K 5 rows. Cast off. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

SLEEVES

Push 120 Ns at centre to WP. Cast on using chain st method. K 1 row. Carriage is at right. Change to lace carriage. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in fashion lace. Set RC at 000. Using MT–1, K 3 rows. Shape sides by inc 1 st at each end of next and every foll 4th row until there are 132 sts. K 2 rows. RC shows 26. Change to main carriage. Using MT, cont to inc on every 4th row from previous inc until there are 160 sts. K 6 rows. RC shows 86. Cast off.

COLLAR

Push 176 Ns at centre to WP. Cast on using chain st method. K

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Silver Reed standard gauge punchcard or electronic machines with a lace carriage. Owners of other models should substitute a similar pattern recommended for their machine.

MATERIALS

Texere White Horse Cotton 4-ply. (Yarn Guide No. 11.)
3 x 250g cones in Red (MY).

GARMENT WEIGHT

Finished garment in second size weighs 590g.

The fibre content of this yarn is 100% Mercerised Cotton. For further information about this yarn, please write to the following address:- Texere Yarns, College Mill, Barkerend Road, Bradford BD3 9AQ.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 82-87 [92-97, 102-107] cm, 32-34 [36-38, 40-42] in.
Actual size 112 [122, 132] cm, 44 [48, 52] in.
Length to shoulder 71 cm, 28 in.
Sleeve seam 22 cm, 9 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

28 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
We used Silver Reed card 410 from set 64 for this pattern and reproduce it courtesy of Silver Reed. For further information about Silver Reed cards and machines, please write to Silver Knitting Machines Ltd., Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.

Chain Stitch Cast-On

Using MT and WY, cast on and K a few rows, ending with carriage at right. Using nylon cord, K 1 row. Push Ns to HP. Using a latch tool and MY, make a loop and place loop behind latch. With yarn at right of first N, bring latch tool up between first and second Ns at right and hook yarn over first N. Pull through loop. Rep along all Ns. Place loop from latch tool on last N. Push Ns to UWP.

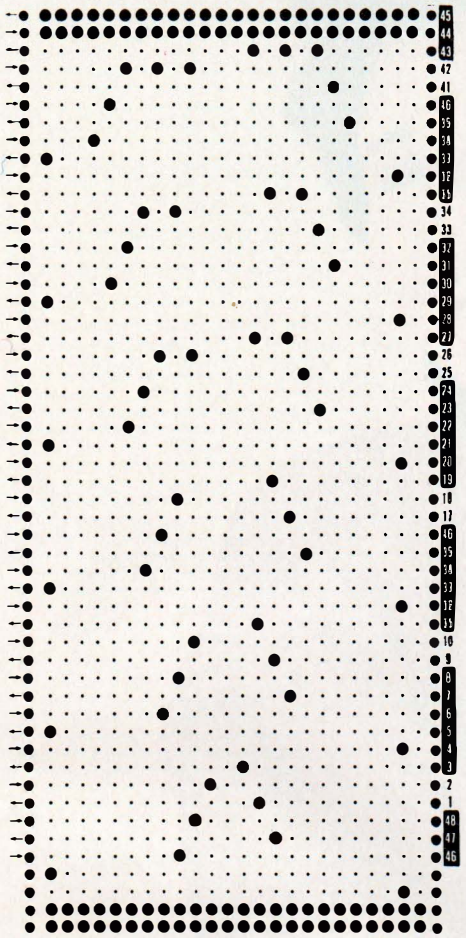
Silver Reed Electronic Machines

Place needle 1 cam between Ns 12 and 13 at left or right. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for other models). Knit in fashion lace, but set cam lever to 'L' instead of '0' for rows to be knitted (i.e., 2 rows in plain lace between transfers).

pattern 4

Earrings, BUTLER & WILSON. Trousers, GREAT UNIVERSAL.

28 ▶



PUNCHCARD CHART

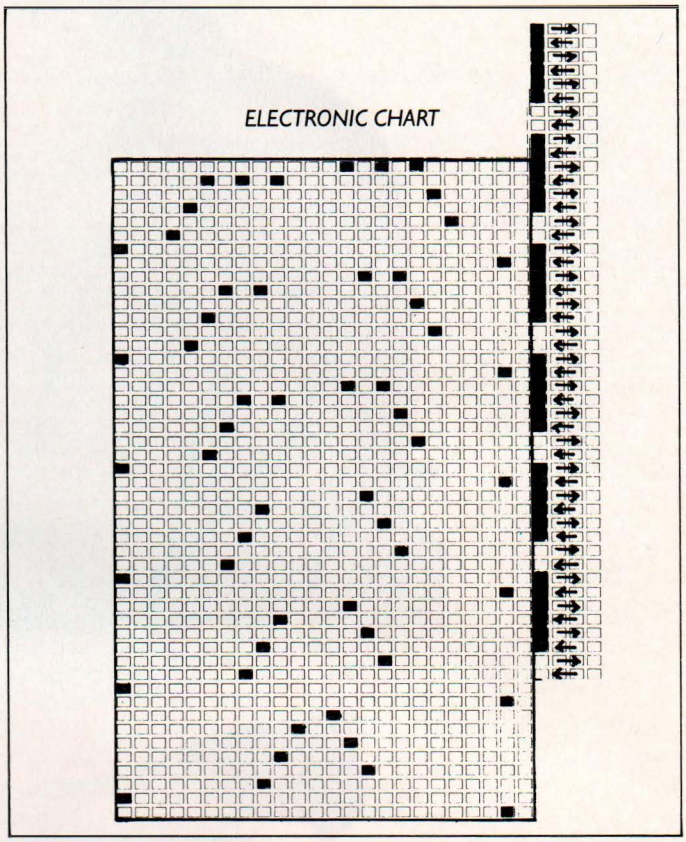
1 row. Carriage is at right. Change to lace carriage. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in fashion lace. Set RC at 000. Using MT–1, K 14 rows. Cast off.

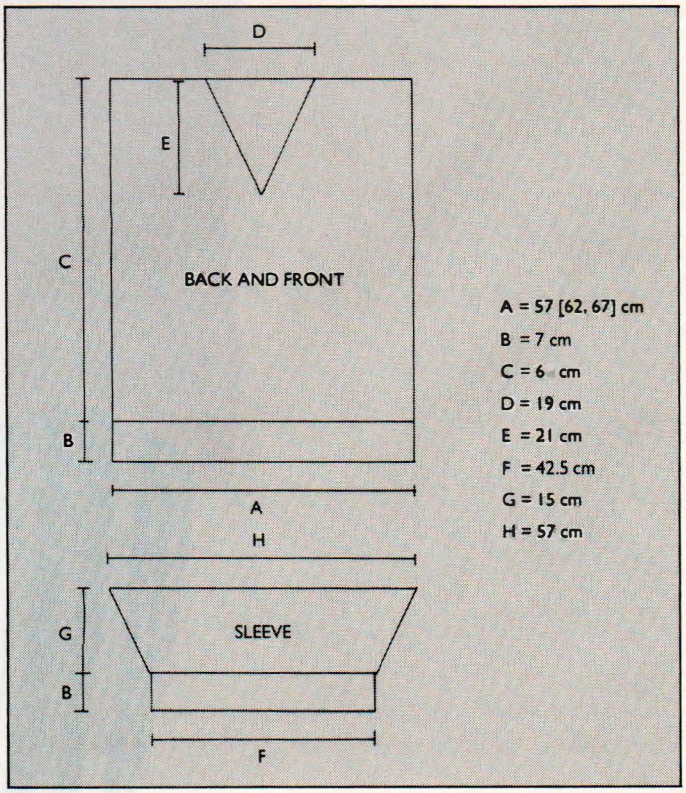
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band. Pin points of lace and steam press.

MAKING UP

Join shoulder seams. Set in sleeves, matching centre to shoulder seams. Join side and sleeve seams. Sew collar around neck edge.





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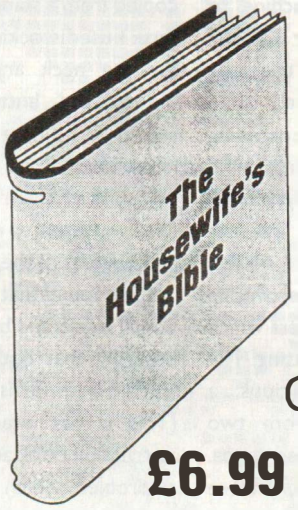

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Letters, hints & tips

Every month our laden postbag proves to us just how generous you all are when it comes to sharing the secrets of successful machine knitting, this month is no exception . . . here goes.

☆ ☆ ☆ STAR LETTER ☆ ☆ ☆

In the December issue of *Modern Machine Knitting* (seems ages ago now!) we had a letter from Dee Lovatt, who was experiencing some problems with her punch lace. True to form, one of our readers has sent in a most helpful letter which we now pass on to Dee and to all our readers who fancy some punch lace knitting. Mrs Susan Sanderson from St Bees, Cumbria wrote this letter to us. Thank you Susan.

'I have a similar machine to Dee's, it is a Knitmaster 324 and it has had intermittent use over the years. I have knitted three garments using punch lace, using three different punchcards, with 'invisible' thread or polyester in the main colour feeder. The first was a white cardigan for myself, which I wore after recovering from a number of disasters which occurred during the knitting! The second was less ambitious; a summer top made from two straight pieces with ribbed straps. I had discovered that punch lace works best without shaping. I used a bright pink 'perle' yarn with matching polyester thread, which made an attractive fabric. I was never quite happy about the white welt and straps on the garment. The third garment was a white cardigan to replace the first one. The fine yarn does tend to catch on things and pull, if one isn't careful and in any case (fortunately for knitters) nothing lasts for ever.

Having learned from experience, I decided to limit the punch lace to two bands, one on each front. I used my knit radar to knit the main part of the body in stocking stitch. I spotted that, for my size and smaller, it would be possible to knit the back and two fronts, excluding the two bands, as a single piece. There is no more finishing than for a standard cardigan (knitted as a back and two fronts) but a separate tension piece is required for the punch lace bands. I shaped square armholes and knitted sleeves to fit them (and me). The only shaping on the punch lace bands was for the round neck, which I copied from a standard radar pattern. I used stocking stitch bands for the neck and knitted the button and buttonhole bands sideways. Knitting the neckband first allows all the buttonholes to be in line on the front band. Crochet was used to neaten the top and bottom of the bands.

I also found that problems with punch lace could be overcome by ensuring that both end needles knitted both yarns on every row. (This is not exactly what the instruction book advises.) Another problem which I have encountered, which could have been affecting Dee, is that useful punchcards of about eight years old can become fatigued. I had done a lot of experimenting with Card 3 and found it very useful until one day I discovered faults in the patterning. Although the original card was not broken in any obvious way, punching out a replacement card cured the problem.

I am looking forward to experimenting further with punch lace when I find the time, perhaps on my Chunky machine, but meanwhile I'm knitting myself a white tuck stitch cardigan in three-ply. You've guessed, the third garment I knitted in punch lace is overdue for replacement.

Yours sincerely,

Susan Sanderson.

Thank you for your letter, Susan. We've chosen it as our Star Letter of the month and your reward is a cheque for £5.00 and a year's subscription to Modern Machine Knitting.

We pay £5 for every letter we publish, provided it has not already been accepted or published elsewhere, plus a year's subscription to the magazine for a Star Letter.

TWO USEFUL TIPS FOR RIBBER OWNERS

A HEM FOR SKIRTS

When you next knit a panelled skirt, try this neat hem. Cast on the required number of stitches in 1x1 rib and knit four rows at the usual rib tension. Knit one row at main tension and then transfer the stitches to the main bed and complete the panel. When the garment piece is pressed, carefully press the rib flat. Turn up the hem and catch down lightly and give a final light press if necessary. You will find that this gives a neat, flat hem which is quite invisible and which does not flare out.

A FIRM CAST ON EDGE

If you have to knit a piece which does not require a hem or rib, try this method for a firm, neat cast on edge. Cast on for 1x1 rib by knitting one zig-zag row, one row across the main bed and one row across the ribber, then one final row across both beds. All these rows should be knitted at tension 0. You will of course need the cast on row but you do not need to hang any weights, just steady the comb with your free hand. Transfer the stitches from the ribber to the main bed. The stitches will be tight but if you push all needles on the ribber up to the holding position before you transfer them with your double eye tool, they will be easier to transfer. Once the work is on the main bed you can turn the tension up to what it should be but you will need to pull all needles out to the holding position for the next few rows until it is knitting across easily. The extra effort put into this edge is well worth while, it is neat and will not curl.

TWO TIPS ON DARTS

We were asked recently about shaping darts at the lower edge of a skirt panel. Our reader was happy with a plain panel but had some difficulty when the panel was in Fair Isle. The skirt panel had about 24 rows of Fair Isle right at the lower edge, immediately after the hem. To hold stitches to make a dart to shape the panel would throw the Fair Isle out. The answer is to knit straight until the Fair Isle band is completed and then on the next plain rows shape the dart as you would on a plain piece. The effect will be just the same. An alternative is to knit until you are almost

at the top of the panel and then knit the dart shaping. It will still lift the skirt as if you had done it at the bottom. What you should not do is ignore the dart shaping. The skirt will hang and look much better with even just a few rows of shaping.

MORE ON DART SHAPING

Many of you will know about the system of dart shaping for such things as circular skirts and so on. In order to avoid a hole when the dart is made, the procedure is as follows. Where the instructions say 'bring out ten needles to holding position, at the opposite end to the carriage', bring out nine needles, knit across with carriage set to hold and then, before knitting back, bring out the tenth needle to hold. This helps to prevent a hole forming where the two sets of needles part.

An even better system was shown to me by a good friend from New Zealand. Work as follows. With carriage at the right, bring nine needles out to the holding position at the left, knit to the left, wrap the yarn round the inside needle in the holding position and then bring the tenth needle out to the holding position and knit to the right. This has the effect of wrapping the yarn round two needles, leaving no hole to be seen; the wrap does not show at all. It takes a fraction longer but not much and it is well worth the effort. It works well on shoulder shapings too.

RAGLAN SHAPINGS

Raglan shaped sleeves will always be popular. They are easy to knit and they look casual but smart (if you know what I mean). Raglans are especially suitable for children's garments as they are easy fit and easy to wear.

There are a number of interesting variations to raglan shapings and there are one or two tips to make them even easier to knit and a good fit.

FIRST OF ALL, SPEED IT UP

When a pattern for a raglan shaping tells you to decrease one stitch at each end of alternate rows you could instead decrease two stitches at each end of every four rows, or even three stitches at each end of every six rows. This not only speeds up the knitting but it can also look very smart. You must, of course, make the shapings fully fashioned by working them from three to six stitches in from the edge.

TIGHT EDGES

Decreasing will always cause a tight edge if you do not take care. Hanging the small claw weights at the very edge of the work and moving them up every few rows helps. However, take care that you do not snag your knitting as you put them on and take them off.

Secondly, you can use this method. Where the instructions say decrease at each end, instead decrease at the carriage end only; this will also help to prevent a tight edge and keep the decreases even. All it means is that it is taking you two rows to do the decreases instead of one.

A PICOT RAGLAN SHAPING

This is a pretty variation on a raglan shaping. It looks good on summer tops and does not take long to do. Make a single decrease by moving the seventh stitch on to the eighth needle and then move all the stitches in and put the empty needle away. Make a picot transfer on the fourth stitch from the edge. You can transfer it in either direction but make sure that you do it in the same direction every time. Leave the empty needle in working position. Repeat the picot every two rows and the decrease as required. For an added extra, thread a contrast colour though the picot, or try a fine ribbon, either looks good!

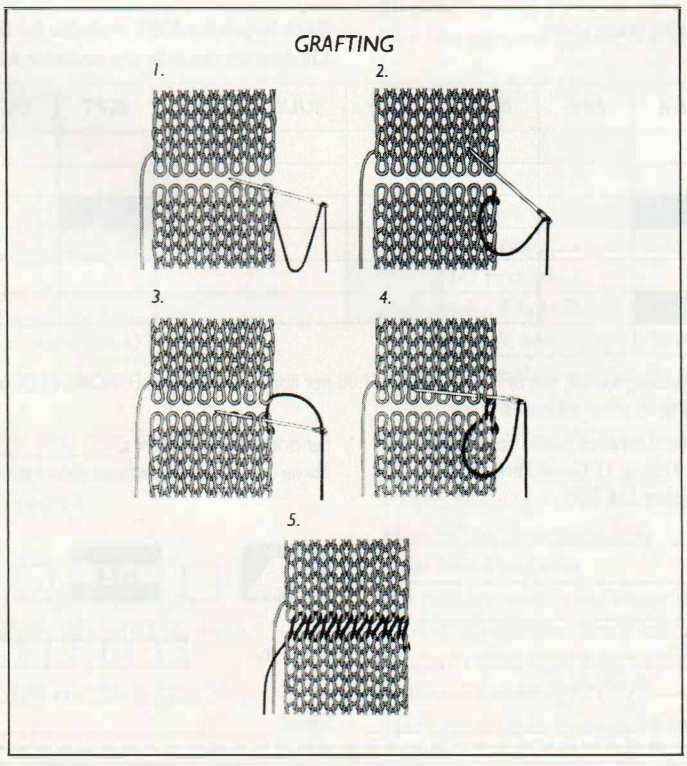
IT'S A BIT OF A GRAFT!

HOW TO GRAFT

There are times when the only way to achieve a perfect finish is to graft the edges together. Grafting is also very useful on sock seams so that there is no ridge to give you a blister!

Here are some easy to follow instructions.

1. Press the pieces carefully according to the yarn manufacturer's instructions.
2. Carefully remove the waste yarn.
3. Lay the two pieces to be joined, edge to edge and with the right sides facing you.
4. Put the needle from the back to the front through the first stitch on the right hand side of the lower piece.
5. Put the needle into the first loop on the upper piece from back to front and pull the thread through.
6. Return the needle into the front of the first stitch on the right of the lower piece and then take it through the back to the front of the next stitch on its left. Repeat with the first two stitches on the upper section and continue in this way until all the loops are joined. Carefully close the loops and do not pull too tightly.



COLOUR CHANGERS

There is increasing interest in double bed knitting and especially Jacquard knitting. We know from the number of requests we get for Jacquard patterns that many of you have colour changers and are eager to get them earning their keep. Here are a few tips. First of all, keep it simple. Swatches and samples are no problem, the problems start when we want to turn those samples into wearable garments and that is because we now have to tackle shaping and so on. Initially keep the designs simple, avoid lots of curves, try to stick to straight lines. Take a classic set-in sleeve pattern and where the curve comes for the armhole. adapt the curve to a straight line so that, instead of casting off the stitches gradually, you cast them all off in one block. Make sure that the depth of the sleeve is OK, you might need to make it slightly deeper than the original pattern. When you do have to cast off, say, 16 stitches at the beginning of the next two rows, cast off first of all at the end where the carriage is, with the usual yarn in the carriage and then cast off at the other end with the yarn in the colour changer. This keeps the knitting level and the comb will not tip.

Decreasing is usually easier than increasing so knit the sleeves from the top down and put the cuff on afterwards. If you are doing a 2x1 or a 1x1 rib first and then going into the Jacquard knitting after the rib, bring all the needles into the working position (don't forget the half pitch if you are not already on it), knit two rows circular and then go into full needle rib. This fills in the gaps and takes you nicely into the Jacquard knitting.

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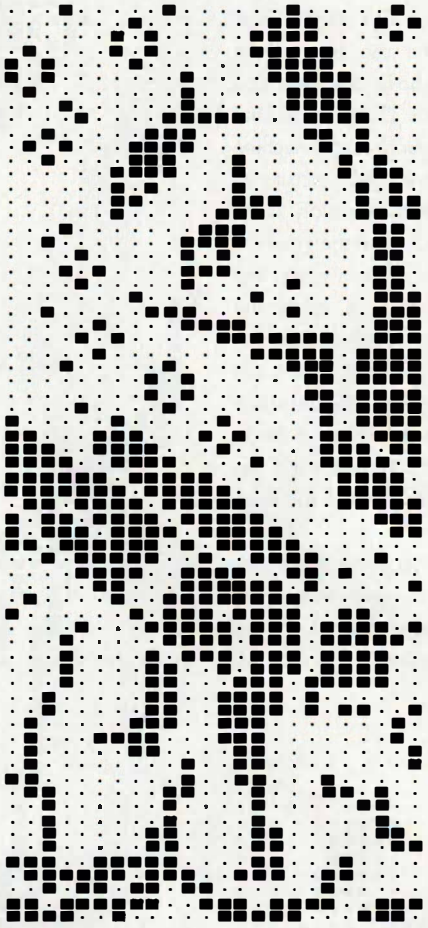
Picture parade

SCUBA DIVERS

For all our knitters who enjoy viewing the ocean from its depths, Jo Newton has designed these lovely pictures of Scuba Divers exploring the sea bed.



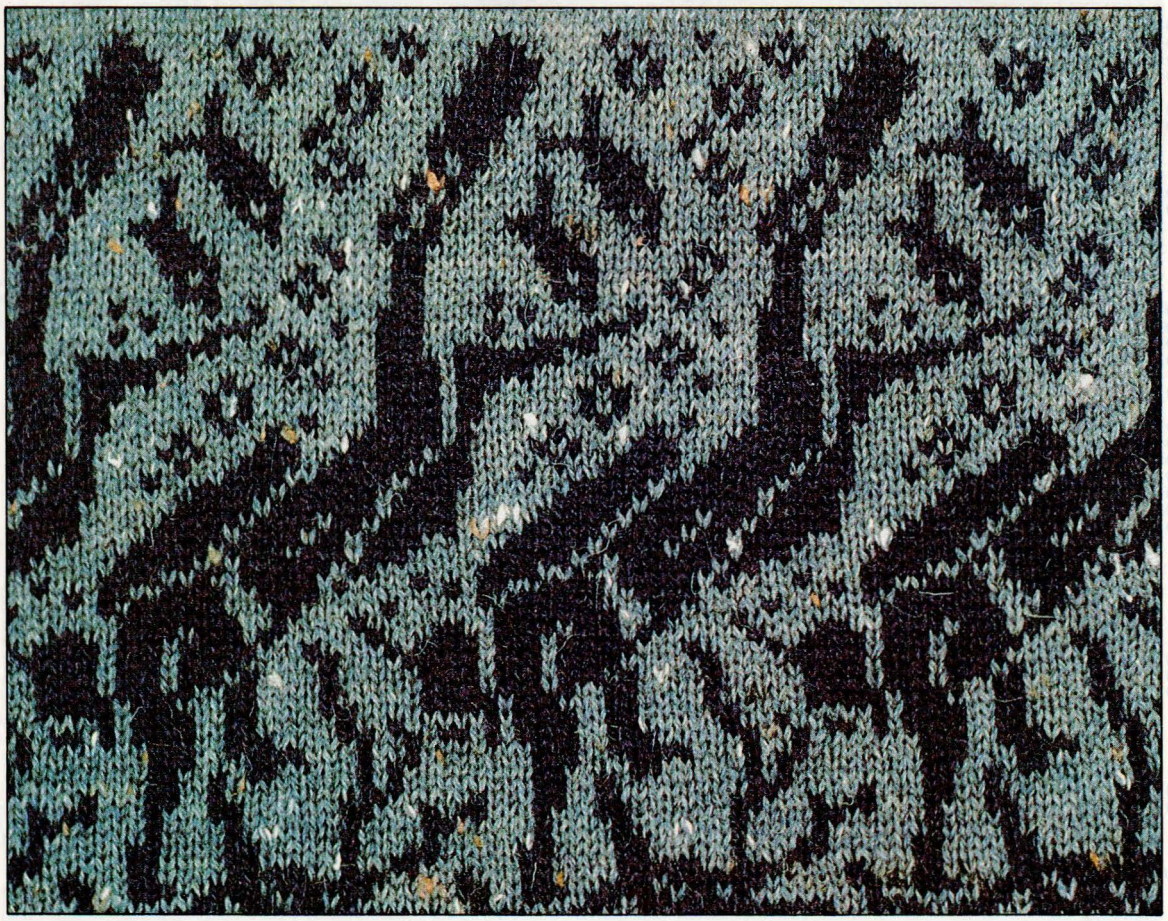
ELECTRONIC CHART

In response to a recent request I have had great fun making these Scuba Diver designs. Both pictures show the diver, complete with mask, air cylinder and fins, diving deep among the fishes looking for anything from shells to buried treasure.

To convey the feel of perhaps somewhat murky depths I have used, as background yarn on the swatches illustrated, some of Forsell's recently introduced Rutland Tweed yarns which are pure new wool and have lovely subtle coloured flecks in them. The main colours are also from their pure new wool range.

The large electronic/intarsia design starts with the contrast colour to represent the sea bed and in a jumper so might the welt, continuing for a few inches, then when the pattern is introduced the yarns are changed over. The complementary 24-stitch motif, which can only be used as a repeating motif on a punchcard machine, could go on the sleeves.

34 ▶



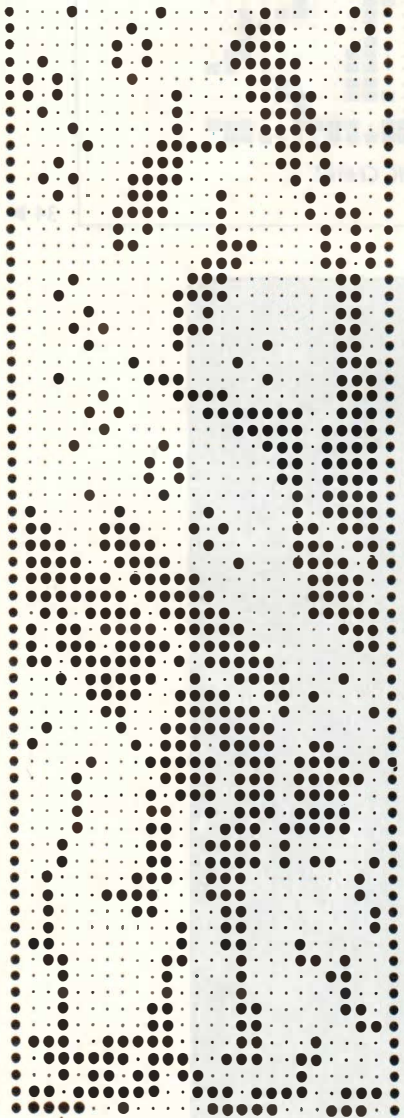
Copyright design by Jo Newton

The latter machine owners could knit the design in a band across the chest and the top of the sleeves, or above the welt and above the cuffs. Don't forget that of course punchcard machine users can knit the large picture by using the hand selection technique. Simply follow the graph as you would for intarsia work, line by line. It helps to mark the centre and then push up the needles that are required to knit the contrast colour, so that the stitch does not go behind the latch. Thread up the second yarn, set the carriage for Fair Isle and away you go.

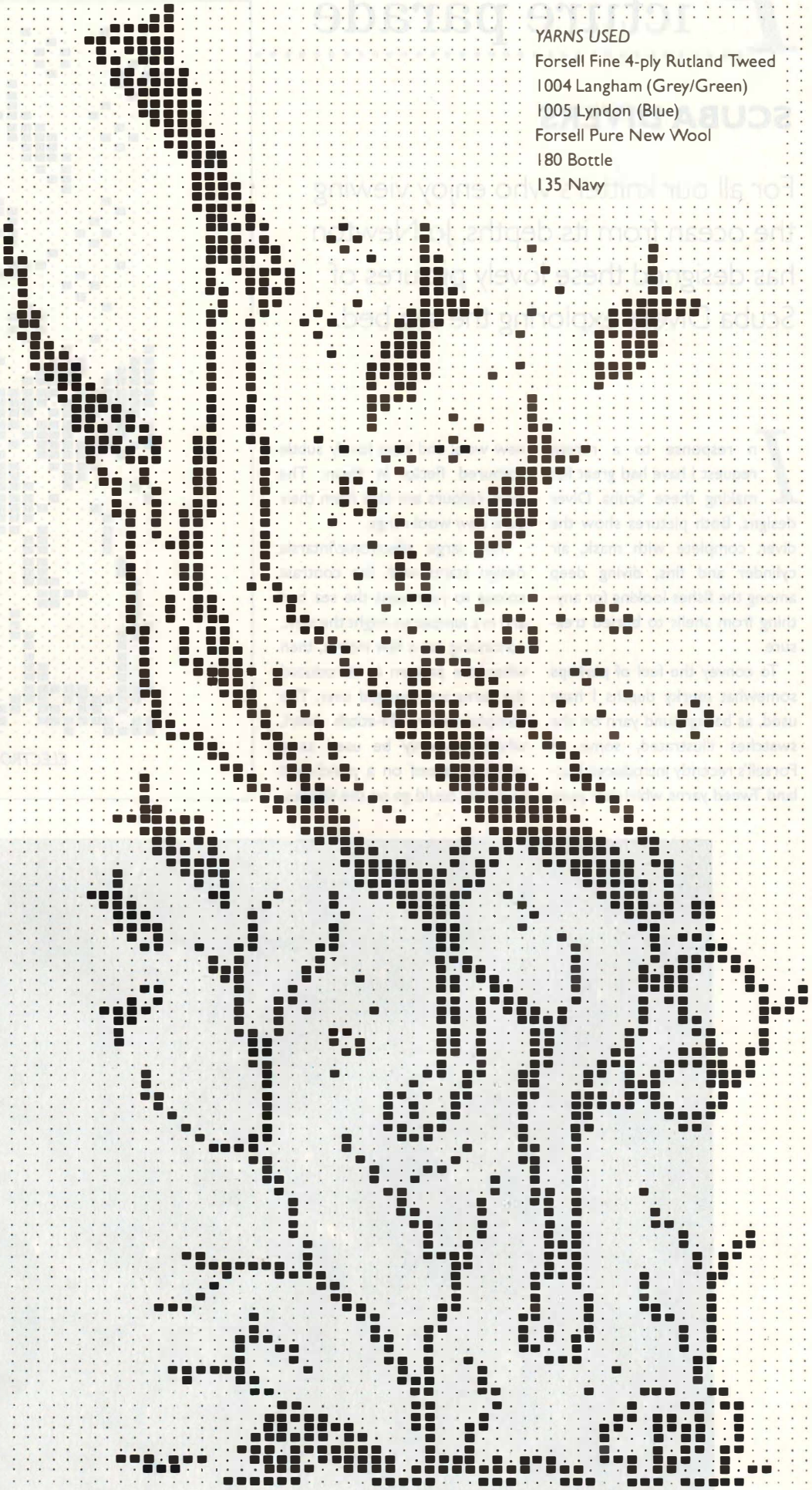
This is my last contribution for the moment, but keep the requests rolling in and I will be back with another series shortly.

YARNS USED
Forsell Fine 4-ply Rutland Tweed
1004 Langham (Grey/Green)
1005 Lyndon (Blue)
Forsell Pure New Wool
180 Bottle
135 Navy

1 pattern size = 67 rows by 24 stitches



PUNCHCARD CHART



ELECTRONIC CHART

Snakes and ladders

Maggie Dyke's third pattern, specially designed for the Silver Reed SK840 machine with EC1, continues the Fair Isle cable pattern theme and uses the same mylar sheet previously prepared.

BACK

With carriage at left and using MC, cast on 156 [164, 172, 180] sts at centre in 1x1 rib. K 3 circular rows. Carriage is at left. Set carriage for 1x1 rib knitting. Insert card and set to 12th row. Set RC at 000. Using MT–5/MT–5, K 28 rows. Transfer sts for st st. Set RC at 000. Using MT, K 1 row. Release card and cont in Fair Isle with MC in feeder 1 and C in feeder 2. K 136 [140, 144, 148] rows. RC shows 137 [141, 145, 149].

Shape Armholes

Cast off 12 sts at beg of next 2 rows. 132 [140, 148, 156] sts *. K 86 rows.

Shape Neck

Note patt row on card. Using nylon cord, K 86 [90, 94, 98] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Dec 1 st at beg of next and foll 3 alt rows. 42 [46, 50, 54] sts. K 1 row. Cast off. With carriage at right, unravel nylon cord over 40 Ns at right, bringing Ns back to WP. Using WY, K a few rows in st st and release from machine. Set card to number previously noted. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Release card and cont in Fair Isle. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to *. K 64 rows.

Shape Neck

Note patt row on card. Using nylon cord, K 75 [79, 83, 87] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge on every row until 47 [51, 55, 59] sts rem, then on every foll alt row until 42 [46, 50, 54] sts rem. K 11 rows. Cast off. With carriage at right, unravel nylon cord over 18 Ns at right, bringing Ns back to WP. Using WY, K a few rows in st st and release from machine. Set card to number previously noted. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Release card and cont in Fair Isle. Finish to correspond with first side, reversing shapings.

SLEEVES

Using MC, cast on 60 [66, 70, 74] sts at centre by hand. Insert card and set to 12th row. Set RC at 000. Using MT, K 2 rows. Release card and cont in Fair Isle with MC 38 ▶

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for Silver Reed SK840 standard gauge electronic machines with EC1 and a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS
Bramwell Fine 4-ply. (Yarn Guide No. 11.)
1 x 500g cone in Warm White (MC).
1 x 500g cone in Black (C).

GARMENT WEIGHT
Finished garment in first size weighs 460g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co., Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington BB5 5TU.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 87 [92, 97, 102] cm, 34 [36, 38, 40] in.
Actual size 102 [108, 113, 118] cm, 40 1/2 [42 1/2, 44 1/2, 46 1/2] in.
Length to shoulder 65 [66, 67, 68] cm, 25 1/2 [26, 26 1/2, 27] in.
Sleeve seam with cuff folded 47 [48, 49, 50] cm, 18 1/2 [19, 19 1/2, 20] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
30 stitches and 39 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
Before knitting, prepare electronic sheet needed, from the chart provided.
We used a Silver Reed card for this pattern and reproduce it courtesy of Silver Reed. For further information about Silver Reed cards and machines, please write to Silver Knitting Machines Ltd., Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.
When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.

Fair Isle Pattern
Set pattern width indicator at 0 and 30. Place needle 1 cam at 30 left and point cams at width of knitting. Press button 1 (left light on), button 2 (left light on) and button 5 (right light on).
Mark card to knit rows 12 to 77 only.

pattern 5

Earrings, SALISBURYS.

Snakes and ladders

in feeder 1 and C in feeder 2. K 56 rows. RC shows 58. Set card to 12th row. Using WY, K a few rows in st st and release from machine, leaving empty Ns in WP. With K side facing, replace sts on to Ns. Unravel WY. Set RC at 000. Release card and cont in Fair Isle with MC in feeder 1 and C in feeder 2. Shape sides by inc 1 st at each end of every alt row until there are 76 [82, 86, 90] sts, then on every foll 3rd [4th, 4th, 5th] row until there are 80 [122, 98, 134] sts, then on every foll 4th [5th, 5th, 6th] row until there are 150 sts. K 2 rows. RC shows 164 [168, 172, 176]. Place marker at each end. K 16 rows.

Shape Top

Push 7 Ns at opposite end to carriage to HP on next 8 rows and 8 Ns on foll 8 rows. Push Ns from HP to UWP. Cont in st st. Using MT+4 and MC, K 1 row. Cast off.

COLLAR

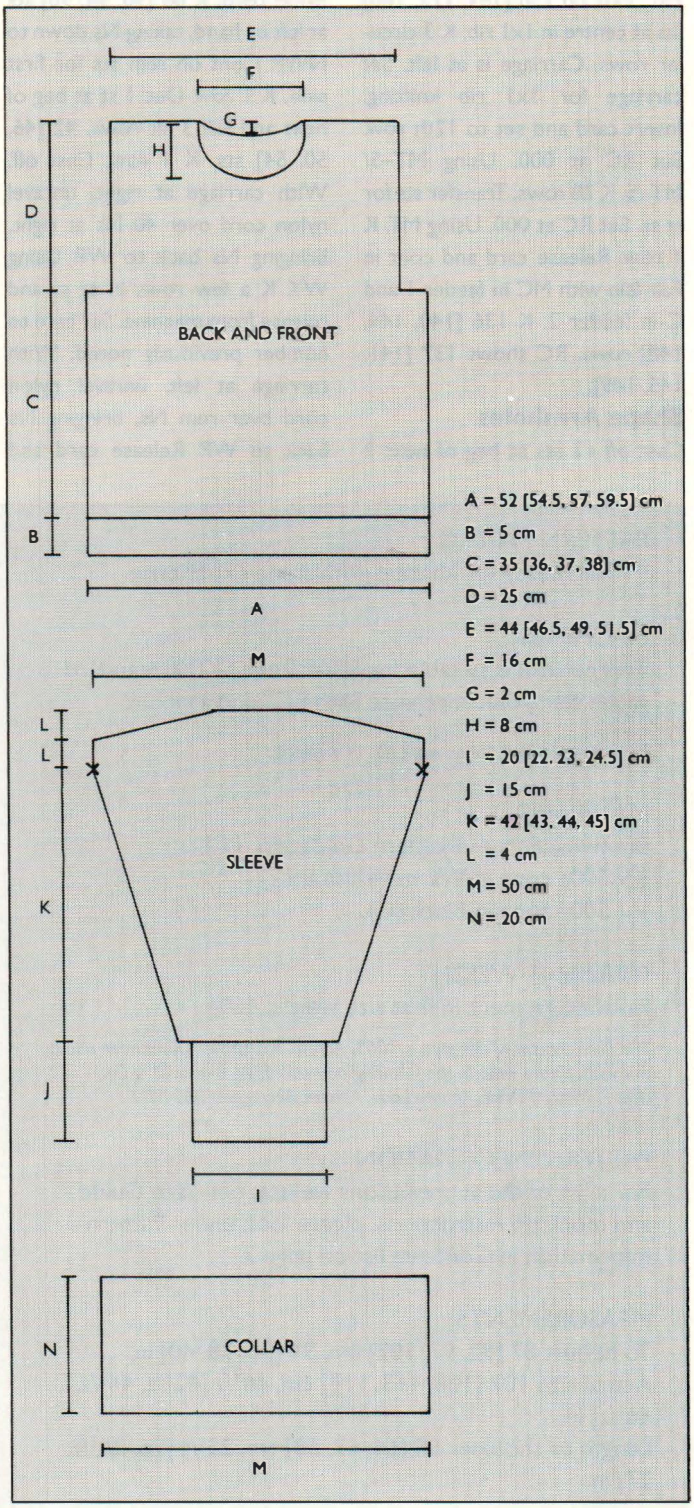
Join left shoulder seam. Push 150 Ns to WP. With K side facing, pick up 150 sts around neck edge and place on to Ns. Unravel WY. Insert card and set to 12th row. Take carriage across twice without knitting. Set RC at 000. Using MT and C, K 1 row. Release card and cont in Fair Isle with MC in feeder 1 and C in feeder 2. K 76 rows. Cont in st st and C, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join right shoulder and collar seam. Set in sleeves, sewing rows above markers to cast off sts at armholes. Join side and sleeve seams. Fold cuff to right side twice (fold to one third of depth twice). Fold collar in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in C. Allow collar to roll over to cover stitching.



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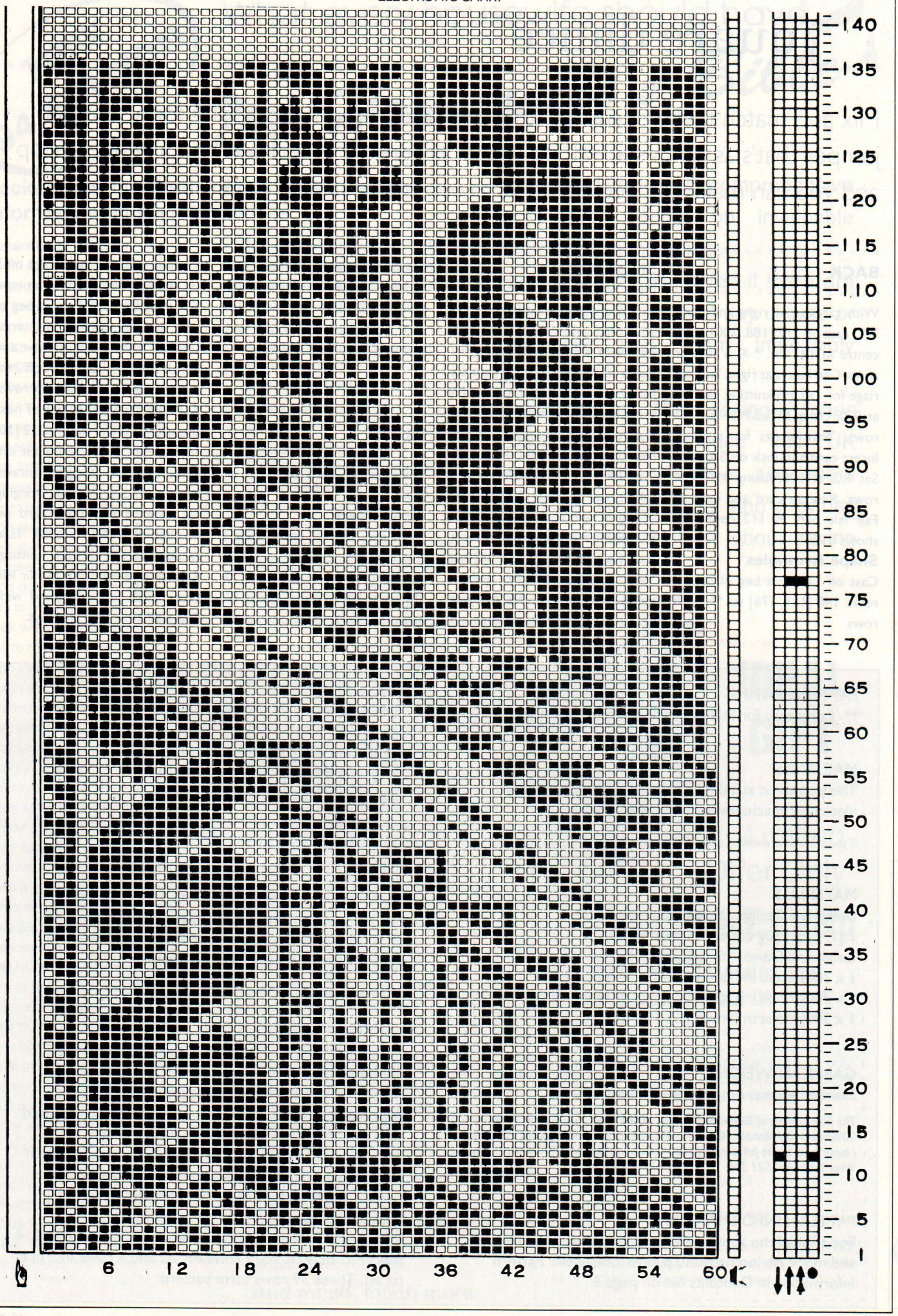
ELECTRONIC CHART



Square dance

Mix and match these beautiful yarns and colours from Celandine for a summer jumper that's as light as a feather. We've lowered the neckline into a gentle scoop and you can make the neckband narrower for a more summery look.

BACK

With carriage at right and using MC, cast on 172 [188, 200] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–3/MT–3, K 22 rows. Transfer sts for st st *. Insert card and lock on 5th row. Set RC at 000. Using MT, K 4 rows. Release card and cont in Fair Isle patt. K 112 rows. RC shows 116.

Shape Armholes

Cast off 12 sts at beg of next 2 rows. 148 [164, 176] sts **. K 98 rows.

Shape Neck

Note patt row on card. Using a length of MC, cast off centre 38 sts. Using nylon cord, K 55 [63, 69] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 5 sts at beg of next and foll alt row, K 1 row. Cast off 4 sts at beg of next and foll alt row, K 1 row. Cast off 3 sts at beg of next and foll alt row, K 1 row. Cast off 2 sts at beg of next and foll 3 alt rows, K 1 row. Dec 1 st at beg of next row. Cast off rem 22 [30, 36] sts. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to **. K 76 rows.

Shape Neck

Note patt row on card. Using a length of MC, cast off centre 18 sts. Using nylon cord, K 65 [73, 79] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 5 sts at beg of next and foll alt row, K 1 row. Cast off 4 sts at beg of next and foll alt row, K 1 row. Cast off 3 sts at beg of next and foll alt row, K 1 row. Cast off 2 sts at beg of next and foll 3 alt rows, K 1 row. Dec 1 st at beg of next and every foll alt row until 22 [30, 36] sts rem. K 2 rows. Cast off. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

pattern 6

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Celandine Sienna. (Yarn Guide No. 7.)
1 [1, 2] x 250g cones in Cream (MC).
Celandine Dawn. (Yarn Guide No. 11.)
1 x 300g cone in Navy (A).
1 x 300g cone in Gold (B).
1 x 300g cone in Green (C).

GARMENT WEIGHT

Finished garment in second size weighs 245g.

The fibre content of Sienna is 50% Silk, 30% Cotton, 20% Acrylic; Dawn is 70% Super Kid Mohair, 30% Nylon. For further information about this yarn, please write to the following address:- Celandine Limited, 44 Kirkgate, Otley, West Yorkshire LS21 3HJ.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 76-82 [87-92, 97-102] cm, 30-32 [34-36, 38-40] in.
Actual size 100 [109, 116] cm, 39 1/2 [43, 45 1/2] in.
Length to shoulder 51.5 cm, 20 1/2 in.
Sleeve seam 46 cm, 18 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

34 stitches and 50 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 3).
37 stitches and 55 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 3).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.

Fair Isle Pattern

K 9 rows MC/A, 4 rows MC only (st st), 9 rows MC/B, 4 rows MC only (st st), 9 rows MC/C and 4 rows MC only (st st). These 39 rows form pattern.

Hat, ASDA. Jeans, FREEMANS.

42 ▶

6

Square dance

◀ 40

SLEEVES

With carriage at right and using MC, cast on 100 sts at centre in 1x1 rib. Work as for back from * to *. Set RC at 000. Using MT, shape sides by inc 1 st (2 sts in) at each end of every 5th row until there are 132 sts, then on every foll 6th row until there are 182 sts. K 1 row. RC shows 231. Place marker at each end. K 20 rows. Cast off.

NECKBAND

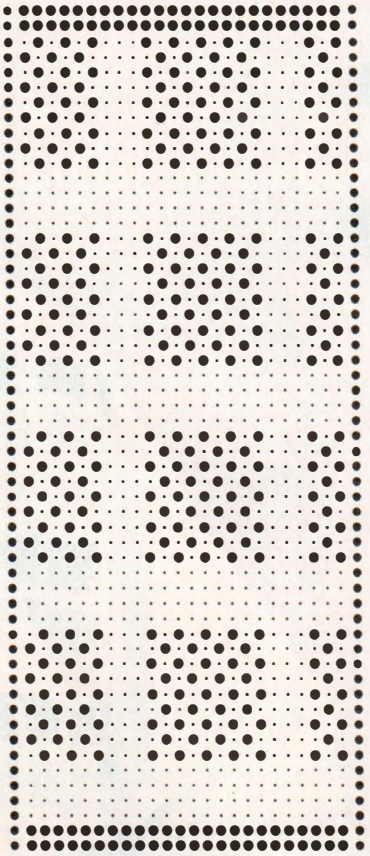
With carriage at right, push 144 Ns on each bed to WP for double rib/full needle rib. Using MC, cast on. K 5 tubular rows. Carriage is at right. Set carriage for double rib/full needle rib knitting. Set RC at 000. Using MT–3/MT–3, K 30 rows. Cast off.

PRESSING

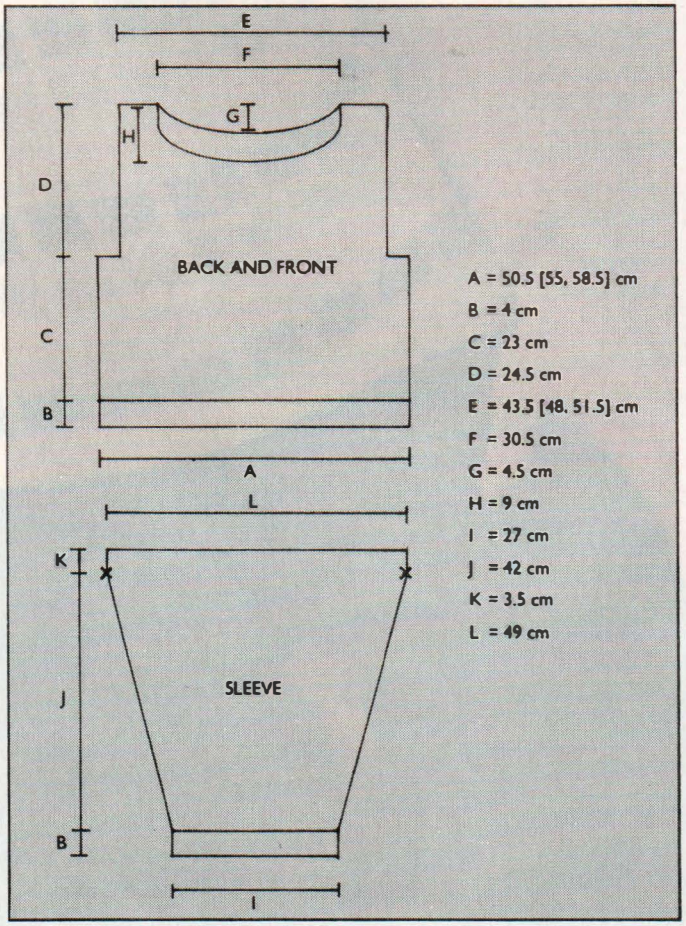
With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join right shoulder seam. Sew neckband into position. Join left shoulder and neckband seam. Fold neckband and catch down on inside. Set in sleeves, sewing rows above markers to cast-off sts at armholes. Join side and sleeve seams.



PUNCHCARD CHART



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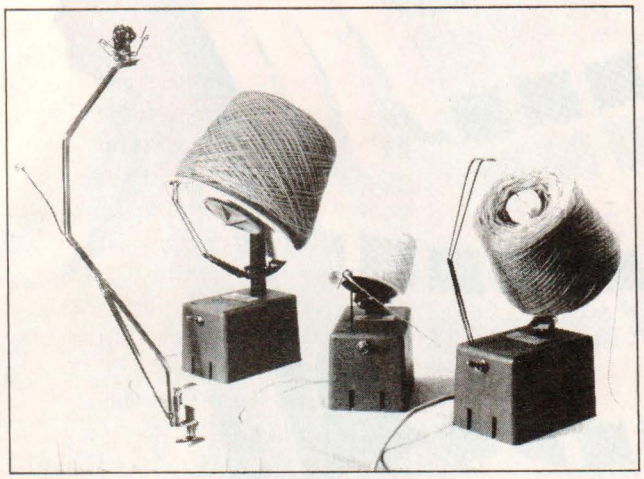

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D1

Welcome to machine knitting

SINGLE MOTIF KNITTING

I have to say that I am pleased that we have reached the section on single motif knitting because I enjoy it so much and have watched other knitters glow with pride at their first successful single motif.

FASHION

A single motif, cleverly knitted and cleverly placed on a garment, can turn a basic garment into a fashion statement and all for a few extra yards of yarn and not much extra time and trouble. There is a great deal of emphasis at the moment on sewn on appliques and many extra bits and pieces that you can either buy, make or paint and then attach to your garment and they are all great fun. However, you do have to find them and buy them and then attach them, with a single motif all you need is your card, sheet, design and so on and the yarn . . . and a bit of patience, but then you need that with everything that makes your knitting special.

KNITTING FOR CHILDREN

This is the area where single motif knitting really comes into its own. A row of trains round the bottom of a sweater looks good but one engine in the centre and carriages round the bottom looks better and one great big dinosaur, with a front view on the front of the sweater and a rear view on the back, goes down really well in the playground. (If they are taking orders, brief them well on your prices!)

CARDS FOR SINGLE MOTIF KNITTING

Not all cards are suitable for single motif knitting, so do look carefully at them. I well remember choosing a lovely ostrich pattern for a single motif. It had been used in a pattern book as a repeat pattern round the bottom of a sweater but I fancied it in the middle with a row of eggs as the border. I did not check the card carefully and was annoyed to find my ostrich had his tail feather growing out of his beak! Not a pretty sight!

I had not noticed that to accommodate the right number of stitches to include the tail the card had been cleverly punched out with the tail feathers on what appeared to be the wrong side of the card . . . OK on a repeating pattern but not for a single motif!

DESIGNING YOUR OWN CARDS AND SHEETS

As well as the specially designed single motif cards there are many of the pre-punched cards and card designs in the various books that lend themselves to single motif knitting. Often you can pick out part of a card and re-punch it for a single motif. You can also have great fun designing your own from cartoon pictures, club emblems; all kinds of things that people love to wear because no-one else will have one the same.

CHECK

Always make sure that you are not infringing any copyright with your designs; if in doubt, check.

SIDEWAYS KNITTING

Where you want a motif larger than 24 stitches wide (this is for punchcard knitters) keep in mind sideways knitting. You can design your card sideways and knit the garment piece sideways on, to accommodate the width of your pattern.

THE PRACTICALITIES

Your own machine manual will give you specific instructions for knitting single motifs and of course the electronic owners will have an even larger range of permutations for placing motifs. However the punchcard knitters need not feel sorry, there is endless scope with the punchcards for single motif knitting. Read your instruction book carefully and have a go on a practice piece before you launch into a garment. Then you will not be knitting with your knees knocking in case you ruin it!

A SPECIAL MENTION

I am going to pinch a bit of space here to mention the Knitmaster 321 machines. There are many still in good use and they do not have instructions for knitting single motifs but it can be done. I made lots of them on my 321 and so here is how to do it.

First of all the card must be punched in reverse, that is to say where there would normally be blanks you must punch holes and where there would be holes there should be blanks. Now try knitting this sample. The card is inserted into the machine in the usual way, lock it on row one. Set the tension dial to the required setting for the yarn and thread colour one (main yarn) into feeder one and make a hand cast on over about 50 needles. Knit several rows in stocking stitch and finish with the carriage at the right. Remove colour one from feeder one and thread colour two (contrast yarn) into feeder one. Thread colour one into feeder two. Release the card and set the machine to 'F' for Fair Isle. Make sure that the side levers are back and the front levers are on II and arm levers on 0. Bring all but the centre 24 needles out to the holding position, (D). As a guide there is a diamond shape between needles 12 and 13 at each side of the centre. These 24 needles are the width of one pattern. Bring the yarn of colour two under the first needle in D position at the left of the needles in B position and over the other needles in D position and knit from right to left. Bring all but the centre 24 needles out to D position, bring the thread of colour two under the first needle in D position at the left of the needles in B position and over the other needles in B position. Knit from left to right. Repeat these two procedures until your motif is complete. Remove the card, rethread the main colour one, back into feeder one, set the car- 44 ▶

riage for stocking stitch and continue.

YARNS FOR SINGLE MOTIF KNITTING

The correct choice of yarn for your single motif will make all the difference to its success. Basically, you must use good natured yarns, not too hairy and of a similar thickness. If one yarn is thicker than the other, it is better if the background yarn is the finer of the two. Nobbly yarns such as bouclé, or a hairy yarn such as mohair can provide attractive results when you need perhaps a sheep or a woolly animal, but you will need to take extra care and knit them slowly, checking as you go that the yarn is not tangling.

RANDOM YARNS

Random and space-dyed yarns produce some wonderful effects on single motifs. Imagine a butterfly on a white or pale blue or green background with the butterfly knitted in random yarn of rich colours, or equally attractive is a pale random yarn on a dark background.

FASHION SHOW

I once watched a fashion show in the Unites States and the winning garment was a two piece suit. The skirt was a plain, circular skirt in navy and the top was a plain round neck sweater with hems and not ribs, so everything was single bed knitting and then, cleverly placed on one shoulder, there was a yellow butterfly with two tiny blue beads for eyes . . . it was sensational and yet so simple.

TAKE IT FURTHER

Don't finish with the knitting. Like the butterfly with her blue eyes you can add those little extras and really make it something special. A button or a bead for an eye, a few extra stitches making the whiskers mottled or white whiskers sewn on afterwards, a bit of brushed yarn or a knitted cord for a tail, they are all easy and great fun both to knit and wear.

NEAT EDGES

Knitting a single motif means that the pattern yarns pull against the background yarn and this causes a sort of ladder around the edges of the motif. Most of this does not show if the garment can be pressed but even then there is still a slight gap which spoils the over-all effect. This problem can easily be solved in the following way. Before you start knitting, wind off two small balls of the main yarn and keep them to one side. When you start the motif, knit the first row and then wrap the edges of the motif as follows: Make a slip knot in one of the lengths of yarn you have at the ready and attach it to the first needle in the main colour next to the first needle of the motif working at the end nearest the carriage. Do not knit the thread in, just attach it over that needle and knit across. Now do the same at the other side with the other piece of spare thread. Continue, wrapping the piece of spare thread over the two needles next to the motif on every row. You will be wrapping over the needles and away from the carriage (say that to yourself as you do it . . . over the needles, away from the carriage). Make sure that you do not knit the thread in, just hold it down and knit across. This technique makes a really neat edge to your motif because it reduces the pull on the edges of the motif by trapping the motif yarn. As the motif moves in and out at the edges so you follow it with your spare thread. If the pattern makes a big jump, or if your spare thread runs out, all you have to do is join in another thread (always use the background colour) and keep going. If the motif has extra long floats at any point you can bring a third thread into work and use it to wrap up the centre of the long floats in exactly the same way and this will neaten up the long floats. Take your time, there is no need to rush it, single motifs should be knitted slowly and carefully, it is well worth taking it steadily.

LARGE FLOATS

There are other ways of dealing with long floats. One way is to use your latch tool and carefully crochet up the centre and then anchor it at the top with a small stitch or two. Another way is to back the motif, either with an iron-on fabric or you could knit a fine lining in an industrial yarn. This could be knitted in advance and then, when you reach the row below the start of the motif, hook the lining on to the set of needles covering the motif and

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complete the motif. You can then pick up the top of the lining and hook it on and join it or you can catch it down when the knitting is finished. The sewing method is probably the safest as you cannot always gauge exactly the length of the lining when the work is on the machine, especially if it is in a different thickness of yarn. Fine industrial yarn is ideal for lining a motif.

PICTURE KNITTING

Quite detailed pictures can be produced by the clever use of punchcards and I have seen garments that I would have said were electronic knitting but indeed they were not, they were knitted making good use of punchcards. The cards can be moved around by moving the single motif placings. For example there is an excellent punchcard of an engine. This can be knitted as a single motif and then the card can be turned back to the start and the card knitted as a repeat up to the start of the engine roof and chimney. This gives the effect of an engine and carriages. The engine has three puffs of smoke and these can be moved across the garment piece and knitted three times altogether and so you have an engine, carriages and a trail of smoke ... it makes a lovely sweater for a little boy.

NOTE

Just check that you have the engine pulling the train, not pushing it as I did the first time!

EXTRAS

Extra stitches can be introduced to a single motif by pulling out extra needles to the holding position as you require. If, therefore you want a pattern 28 stitches wide, you can select the extra four needles by hand on each row. In a similar way a third colour can be introduced into a pattern. Set the carriage to hold and bring out to the holding position all the needles you want to knit in the third colour. Knit across and the selected needles will hold. Now you can go along the row and knit them back by hand with your third or more colours. This technique is useful if perhaps you just want to put a blue eye on a black cat for example.

TO SUMMARISE

1. Check that the pattern is suitable.
2. Use good-natured yarn
3. Try a sample piece first.
4. Take your time.
5. Wrap the edges as described.
6. Experiment and have some fun.

Angela Gordon Products

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CLUB SPEAKERS

ANGIE GIBBONS

- 26 Cripps House, Henderson Road, Broadfields, Crawley, West Sussex RH11 9HY. Tel: 0293-523805
- **Subject**
- Creative lecture by qualified designer covering design research, inspirations, colour theory and yarn usage. Detailed design techniques as given in Swatch Spot articles in Modern Machine Knitting. Garments from children to adults shown. Workshops can be arranged.
- **Travel**
- Any distance considered.

ANN BROWN

- Posh Frocks, 35 The Links, Whitehill, Bordon, Hampshire GU35 9HB. Tel: 0420 -474904
- **Subject**
- All aspects of design from techniques to pressing, including slide show, also Passap/Pfaff.
- **Travel**
- Clubs - 100 miles. Workshops and Hands On, any distance.

ANN DURKAN

- Michaelmas Cottage, Twineham, West Sussex RH17 5NN. Tel: 0444-881556
- **Subject**
- Lively choice by qualified designer, concentrating on creativity, garment design and imaginative use of colour and texture. Emphasis on Elegance made Easy. Plenty of sample garments to try on and have fun with. Workshops also arranged.
- **Travel**
- No restrictions.

ANN ROSS

- Ann's Yarns, Unit 30, Fourth Avenue, Bluebridge Industrial Estate, Halstead, Essex CO9 2SY. Tel: 0787-476540
- **Subject**
- Any subject on the Japanese machines. Yarns and books available.
- **Travel**
- 60-mile radius. Further by arrangement.

ANNE KENT

- 23 Springfield, East Grinstead, West Sussex RH19 2RT. Tel: 0342-313562
- **Subject**
- Informative talks; Sideways sweaters to your size; Size right; Punchcard designing; Pockets galore.
- **Travel**
- Reasonable distance from East Grinstead.

ANNE WARWICK

- The Knitting Studio, 3 Frobisher Close, Hinckley, Leicestershire LE10 1UP. Tel: 0455-636409 after 6pm
- **Subject**
- Knitting with Oiled Yarns, Cashmere, Lambswool/Angora, Shetland, etc. Successful knitting in luxury oiled yarns.Talk and demonstration with samples, swatches and garment-scovering yarn counts, tensions, scouring, finishing and care for your garments.
- **Travel**
- 50-mile radius, further by arrangement.

CHRISTELLE MARKS-JEFFERY

- Christelle Creations, Badgers Copse, Hampers Lane, Storrington, West Sussex RH20 3HU. Tel: 0903-743147
- **Subject**
- Designing and adorning marvellous mohair. Easy appliques and garment decorations for all knitwear, fashionwear and even home decor. Club visits, workshops, day courses and mail order available.
- **Travel**
- Any distance considered.

GILLIAN LAMB

- 16 Firwood Close, St Johns, Woking, Surrey GU21 1UQ. Tel: 0483-476356.
- **Subject**
- Computers - general talk for knitters and stitchers new to computing. Talks and workshops for designing on computer with DeLuxe Paints.
- **Travel**
- 70 mile radius, further by arrangement.

JANET LEECH

- The Craft Co., Church Villa, Cwmdu, Powys NP8 1RU. Tel: 0874-730820.
- **Subject**
- Garment decoration for knitwear using fabric dyes, glues, foils and many more techniques. Club visits, workshops and day courses.
- **Travel**
- No restriction.

JENNY ROSE

- 12 Bercta Road, London SE9 3TZ. Tel: 081-859 2745
- **Subject**
- Knitting with mohair; Punchcard design; Surface decoration; Yokes galore; Ribber workshop. Send SAE for further details.
- **Travel**
- No restriction.

JOHN BLAKEMAN

- 25 Englesea Avenue, Weston Coyney, Stoke-on-Trent, Staffordshire ST3 5HL. Tel: 0782-313077.
- **Subject**
- Ex-Brother supervisor. Basic and advanced knitting techniques - Japanese machines. Programming - all Brother electronics. Using colour changers and accessories. Speciality - Jacquard and ribber techniques. Club visits, courses and workshops.
- **Travel**
- No restriction.

PAM TURBETT

- 17 Forest Rise, Liss Forest, Liss, Hampshire GU33 7AU. Tel: 0730-893654
- **Subject**
- Cut and sew, i.e., dressmaking with fabrics made on your machines.
- **Travel**
- No restriction.

PEGGY LA RIVIERE

- 67 Bartholomew Road, London NW5 2AH. Tel: 071-267 2712
- **Subject**
- The blocking cloth and finishing; demonstrations of stitched applique on knitwear; a good way of using up tension swatches. Original winter coats.
- **Travel**
- Up to two hours from London, further by arrangement.

RITA RUBERY

- 18 Forest Close, Streetley, Sutton Coldfield, West Midlands B74 2JZ. Tel: 021-353 9623
- **Subject**
- Talk called 'Made to Measure' Knitwear with 28 garments, illustrations, books and patterns.
- **Travel**
- Any distance considered.

ROZ KELLETT

- 68 St Aubins Avenue, Bitterne, Southampton, Hampshire SO2 8NW. Tel: 0703-446389
- **Subject**
- Take the tension out of knitting. A designer shares her secrets and enthusiasm for the craft we all love.
- **Travel**
- South of England, elsewhere by request.

RUTH COX

- Pippin Designs, 22 Clifton Road, Dunstable, Bedfordshire LU6 1LU. Tel: 0582-605808
- **Subject**
- No ugly ducklings. Bears, babies and beautiful dolls. Hints and tips on how to make machine knitted toys successfully.
- **Travel**
- 50-mile radius, further by arrangement.

SYBIL WHISTON

- 27 Foot Wood Crescent, Rochdale, Lancashire OL12 6PB. Tel: 0706-33667.
- **Subject**
- Making fabrics with your machine. A decade of machine knitting. The history of knitting and the influences of people, places and things. Other themes on request.
- **Travel**
- Reasonable distance from Rochdale.

SYLVIA WYNN

- Forge Craft Creations, The Old Smithy, Pirton, Nr Worcester WR8 9EJ. Tel: 0905-820482.
- **Subject**
- Swiss darning. Talk, demonstration and workshops. Sylvia demonstrates her technique on Swiss darning and how to achieve the professional finish.
- **Travel**
- Any reasonable distance.

TERRY ARMITSTEAD & JANE HUNTINGFORD

- c/o 16 Renoir Court, Fairlands Estate, Bognor Regis, West Sussex PO22 9AY. Tel: 0243-826125
- **Subject**
- Combined talks. TALK 1: Intarsia motifs, technique books, garment patterns and geometric designs for punchcard and electronic machines. TALK 2: 'Inspirational Variations'. How to get more out of your punchcard and electronic designs, plus all the latest of our products.
- **Travel**
- No restriction.

VALERIE MEECHAM

- White Gates, Dowlish Wake, Ilminster, Somerset TA19 0NZ. Tel: 04605-4670
- **Subject**
- Single and double bed work on Japanese and Swiss machines; 14 subjects; New techniques; Talks and Demonstrations.
- **Travel**
- 90-mile radius of Ilminster.

WENDY ENGLISH

- 1 Brooke Avenue, Boldon Colliery, Tyne & Wear NE35 9ED. Tel: 091-537 4338.
- **Subject**
- Brother Electronic. Basic to advanced techniques; ribber; single and double bed colour changer; decorative hems and ribs; overcoming patterning width to create large motifs automatically; history of machine knitting.
- **Travel**
- 50-mile radius, further by arrangement.

YVONNE KNAPMAN

- Jacpacs, 19 South Road, Portishead, Bristol, Avon BS20 9DU. Tel: 0275-842677.
- **Subject**
- Double Jacquard knitting, an informative talk and demonstration on all aspects of double Jacquard knitting, using the double bed colour changer or the JacCard, covering design and punchcard conversion. Workshop days for groups, by arrangement.
- **Travel**
- Within 100 miles of Bristol.

SUGGESTION BOX

Modern Machine Knitting is produced and published especially for you. We rely on you to tell us when we're getting it wrong or if you think something's missing or even if you like what we're doing. That way we can keep *Modern Machine Knitting* growing and developing just the way you want.

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Name: _____ Town: _____ Postcode: _____

Send this form to Modern Machine Knitting, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW

Clubs, classes & courses

FORDINGBRIDGE, HAMPSHIRE

Mrs Diana Collins has started a new club which meets at the Avonway Community Centre in Fordingbridge on alternate Friday mornings from 10am to noon.

The club currently has twelve enthusiastic members and would welcome more knitters of all abilities. For information please telephone Diana on 0425 652447.

BLEDLOW RIDGE, BUCKINGHAMSHIRE

The Carousel Machine Knitting Club are changing the venue to The Village Hall, Chinnor Road, Bledlow Ridge.

This friendly and happy club, with its own 836 Brother for demonstrations, currently has 24 members, with varying stages of experience on various machines; newcomers will be made very welcome. All day workshop sessions are occasionally organised by the club and these are very popular.

Meetings are held on the fourth Wednesday of every month at 7.45pm for an 8.00pm start. For further information please telephone Mrs Freda Tarry on 0494 481570 or you can write to her at Yewsden Cottage, Chinnor Road, Bledlow Ridge, High Wycombe, Buckinghamshire HP14 4AW.

MAIDENHEAD KNITTING CLUB

Meetings are held at All Saints Church, Boyn Hill Road, Maidenhead from 7.15 to 9.15pm on the fourth Wednesday in the month. This is the thirteenth year of this very active club with lots of interesting events planned for forthcoming meetings.

Dates to make a special note of are:

25th May – Lin Parsons will be talking about Patterning Work, including different textured yarns.

22nd June – Wendy Damon will be demonstrating the use of the Garter Bar.

27th July – Valerie Meecham will demonstrate Drive Lace, the easy way.

28th September – Jenny Rose talks on Yokes Galore.

26th October – Terry Armitstead will be talking about Intarsia knitting.

23rd November – Janet Spink will be demonstrating the use of the Hague Linker.

Newcomers will be made very welcome, so why not go along to one of their meetings as a visitor. We feel sure that you will want to join this friendly group once you have met everyone.

If you would like further information about the club, telephone Phyllis Faulkner, who is the organiser, on Maidenhead 26714

HARPENDEN

The Harpenden Machine Knitting Club meet on the third Tuesday of every month from 7.30pm at The Library, Vaughan Road, Harpenden. For details of forthcoming meetings please telephone Mrs Pamela Meade on 0582 713943.

LEYLAND

The Leyland Machine Knitting Club meet at the Royal British Legion Club, School Lane, Leyland every third Monday at 8pm.

The club caters for all levels of experience from the complete beginner to the experienced knitter.

The secretary is Mrs Joan Clayton, who tells us that there is always plenty going on, with visiting speakers, demonstrations, yarns, patterns and so on.

New members, both male and female, are welcome so please telephone Joan on 0772 749282 or Elaine Roderick on 0772 865779.

ORPINGTON TO HAYES

The E. and K. Knitting Club of Orpington has now moved to Hayes in Kent. The former club leader has moved to another part of the country but the club is still running under the guidance of Yvonne Jones.

This club meets twice a month on the second and fourth Thursday at 7.30pm. For details of meetings please telephone Yvonne on 081-462 3273.

TUNBRIDGE WELLS

Meetings are held at Hawkenbury United Reformed Church Hall, Bayhall Road, Hawkenbury, Tunbridge Wells on the first Monday of each month, except August and September, from 7.30 to 9.30pm.

Telephone the secretary, Carol Wheeler on 0732 350904 for further information.

BIRMINGHAM

Anyone interested in joining a new club in the Acocks Green area of Birmingham please telephone 021-628 1695 or 021-476 1812 for further details.

GRIMSBY AND CLEETHORPES

The Whizzers Machine Knitting Club now meet at 159 Brereton Avenue, Cleethorpes on alternate Thursdays from 7.30 to 9.30pm.

For information please contact the secretary, Mrs S Forrester, at 19 Brampton Way, Cleethorpes, South Humberside DN35 9PW.

WEMBLEYKNITS

Mrs Kathleen Venting has taken over the running of Wembleyknits Machine Knitting Club following the retirement of Reg Osborne.

Reg is still an active member and we're sure that everyone who knows him will agree with us that he's a great enthusiast and marvellous ambassador for the craft. With Reg's help, Kathleen hopes to re-build the club to its former success. Please support them and contact her on 081-203 7860 if you would like to join them.

COTSWOLD (BROADWAY) MACHINE KNITTING CLUB

Meetings are held at Shear House, Leamington Road, Broadway on alternate Tuesdays from 10am to noon.

Further information is available from the organiser, Mrs P. White, on 0386 45369.

SUSANNA LEWIS LECTURE – WORKSHOP TOUR

If you missed out on Susanna's lectures and classes in 1993, you have another chance this year to learn from this extremely talented machine knitter. The topics are different this year (which means we can attend again, if we

went last year!) and include items of interest to Passap/Pfaff and Japanese system knitters.

Diary dates are:

Saturday 4th June – at the Central Library, Reading. Two slide lectures, one in the morning intriguingly entitled 'My Three Hats'. This is all about Susanna's art and magazine work, teaching and writing, methods of designing and sources of inspiration, including electronic knitting and computers. The one in the afternoon will cover 'Hand Decorating Techniques'. For details, contact Sheila Ryle on 0628 28096.

Monday 6th to Wednesday 8th June – at Bromley Adult Education College, Kent. This is a three day workshop on 'Ripple Fabrics' for Brother single-bed machines. For details, contact the college on 081-462 9184.

Saturday 11th June – at Knitmates, Crawley. A one day lecture/demonstration on 'Hand Decorating Techniques' for Passap/Pfaff knitters only.

Sunday 12th June – also at Knitmates, Crawley. A one day lecture/demonstration on 'Designing and Knitting Electronically'. Again, this is for Passap/Pfaff knitters only. For both 11th and 12th June contact Wendy Clark on 0342 718575.

Wednesday 15th to Friday 17th June – at Harlow College. There will be a three day workshop on 'Ripple Fabrics' for Brother single-bed machines. Contact the college on 0279 441288.

Saturday 18th June – at Harlow College. A morning slide lecture 'Lace and Lace-like Fabrics' for all Brother machine knitters. Contact the college on 0279 441288 for details.

Monday 20th to Wednesday 22nd – at Howden Craft Centre, North Humberside, 20 miles from York. A three day workshop on 'Ripple Fabrics' for Brother single-bed machines. Contact Pam Spooner on 0977 684150 for further details.

Saturday 25th June – Askam Bryan College, York. Afternoon slide lecture on 'Designing Highly Textured Fabrics' for Japanese machines. Contact Tessa Mendez 0904 410288.

Monday 27th to Wednesday 29th June – Joseph Priestly College, Morley, Yorkshire. Three day workshop on 'Advanced Jacquard for Brother knitters'. Contact Jill Bedford 0532 535050.

CUT AND SEW MACHINE KNITTED FABRICS

Pam Turbett will be teaching cut and sew with enough time to make a complete garment at Alston Hall, Longridge, Preston, Lancashire, from 10th to 15th July, telephone Brian Leighton on 0772 784661.

From August 21st to 27th she will be teaching at Missenden Abbey, Buckinghamshire. Please telephone 0494 890298 for more information. Pam's courses are excellent and always well subscribed, so early booking is advisable for either course.

COURSES IN AVON

Diane Bennett will be running some interesting courses in Nailsea, near Bristol. These courses include Computers for the Terrified (IBM computers), DesignaKnit, Brother Electronics (two levels) and PPD, ribber and double Jacquard for any machine.

Accommodation is available near by, with a knitter. For more details please contact Diane Bennett, 9 Huntley Grove, Nailsea, Bristol BS19 2UQ or telephone 0275 810067.

LONDON COLLEGE OF FASHION

If you are looking for some really intensive studying, the London College of Fashion run Weekday Workshops and Summer Courses covering a wide range of subjects. Some which appealed to us include Design Translation – The Art of Designing from a Sketch to a Garment, Designer Millinery (could this be the start of exotic knitted hats?), Marketing Fashion Design, Textiles for Teachers, Young Designers' Workshop (for the 15 to 18 age group), The Art of Period Costume and of course the Knitwear Design Workshop.

The International Fashion Experience sounds wonderful but the family will need to be understanding to let you go away for four weeks (well, we can dream can't we!).

Further information about all their courses can be obtained from The London College of Fashion, 20 John Princes Street, London W1M 0BJ or telephone 071-409 2868.

COUTURE MILLINERY WORKSHOPS

A range of one, two and three day workshops are being taught by Denise Innes of Judith Constable Couture Hats. Courses are held at The Burford Bridge Hotel in Dorking, Surrey and at 84 Hampden Road, Harrow Weald.

Denise is a well established and experienced fashion and theatrical milliner. She has worked on a variety of productions including Robin Hood, Prince of Thieves, Carry on Columbus, Viva Cabaret, Miss Marple, You Rang M'Lord, The Man Who Cried and numerous theatre productions and pantomimes around the country.

She has worked with many well known designers and her hats have been featured in a variety of prestigious magazines.

To obtain details of the extensive courses on offer please write to Denise Innes, 84 Hampden Road, Harrow Weald, Middlesex HA3 5PR or telephone 081-427 7429.

CLUB LEADERS

Drop us a line at the address below with news about your knitting club or any classes and courses you run. We'll be pleased to include details in the magazine.

MMK CLUB DIRECTORY

To: The Editor, Modern Machine Knitting, 17 Grove Park, Waltham Road, White Waltham, Maidenhead SL6 3LW

Please enter our Club in the Modern Knitting Club Directory ☐

TICK

Please change our Club's entry to the following ☐

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NOW, FIGURATIVELY SPEAKING –

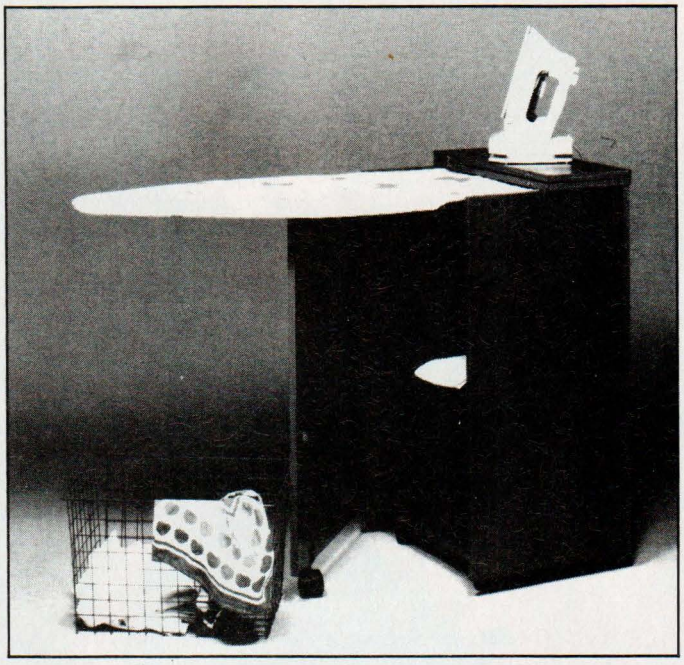
You certainly don't need to be an Albert Einstein to solve this month's teaser – so give this month's competition solution your 'pressing' attention!

In the following games, each different letter has a number value in the range of 1 to 6. Your task is to translate those letters into numbers so that when the top two lines are added together, they will produce the total shown on the third line.

TO SUM UP –

Write the solutions to both Game 1 and Game 2 on a postcard (or the back of a sealed envelope) together with your name and address and send it to Maidenhead to arrive by 30th June 1994 at the latest. Then, it's fingers crossed that you'll soon be the owner of a fabulous KEYTO IRONING TABLE or a year's subscription to your favourite magazine

JUNE COMPETITION



GAME 1

S I L V E R
S E R V E R S
1 2 0 3 7 0 4 6

GAME 2

K W I C K
K N I T I N
1 0 7 8 5 9 6

(Please note that in Game 2, 'T' has a greater number value than 'C'.)

RULES

1. You should print your answers clearly on a postcard or on the back of an envelope together with your name and address and send it to June Competition, *Modern Machine Knitting*, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW.
2. The competition is open to residents in the UK only, except employees of Modern Knitting Ltd., the magazine's typesetter, printer, distributor, employees of this month's sponsor and their relatives.
3. Your entry must reach us by 30th June 1994 and we accept no responsibility for entries lost or delayed in the post.
4. No cash alternative will be offered.
5. The winners will be the first correct entries drawn from our postbag after the closing date.
6. The winners will be notified in writing and the competition result will be published in a future issue of *Modern Machine Knitting*.
7. The Editor's decision is final and no correspondence will be entered into regarding the competition.

January competition winners

This month, we're delighted to bring you the result of our January competition.

There were three wonderful prizes of Gemini and Pearl machine knitting yarns from the new Harmony range by Pat Cook Designs kindly donated by Direct Knitting & Sewing. As usual, we had a postbag full of correct entries!

The winning solution was as follows:-

1	(C)	A	B	I	N	E	T
2	S	(L)	I	P			
3	S	U	(I)	T			
4	P	A	T	(C)	H		
5	P	I	N	(K)			
6	O	V	(E)	R			
7	(T)	E	N	S	I	O	N
8	F	A	N	C	(Y)		
9	(C)	A	R	D			
10	P	(L)	A	I	N		
11	F	A	(I)	R			
12	(C)	O	A	T			
13	(K)	N	I	T	T	E	D

As you can see, the familiar sound you had to find was CLICKETY CLICK and our prizewinners were Mrs A. Farrington from Leigh in Lancashire; Mrs D. Billingham who lives in Luton, Bedfordshire and Mrs M. J. O'Leary from Stourport on Severn, Worcestershire.

Mrs Farrington wins yarn worth £100; Mrs Billingham and Mrs O'Leary each win yarn worth £50.

Congratulations to you all!

7

Snake's alive!

Bold, bright snakes of colour wind their way across zigzag bands of contrast in this appealing sweater. The wide size range will suit all ages and you can use up oddments to make your own multi-coloured version!

BACK

With carriage at right and using MC, cast on 98 [106, 114, 122, 130] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 26 rows. Transfer sts for st st. Set RC at 000. Cont in Fair Isle patt **. K 150 [166, 174, 184, 198] rows. Push 26 [29, 33, 36, 40] Ns at left and right to HP. Using WY, K a few rows over rem 46 [48, 48, 50, 50] Ns and release from machine. Push Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for back to **. K 126 [142, 150, 160, 174] rows. 24 rows less have been worked to shoulder than on back.

Shape Neck

Note patt row on card. Using nylon cord, K 60 [65, 69, 74, 78] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge of every row until 30 [33, 37, 40, 44] sts rem, then on every foll alt row until 26 [29, 33, 36, 54 ▶

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Yeoman Panama. (Yarn Guide No. 10.)
1 x 500g cone in Azure (MC).
1 x 500g cone in Red (C).

GARMENT WEIGHT

Finished garment in second size weighs 230g.

The fibre content of this yarn is 50% Cotton, 50% Acrylic. For further information about this yarn, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicester LE8 0UD.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit chest 56 [61, 66, 71, 76] cm, 22 [24, 26, 28, 30] in.
Actual size 66 [71, 77, 82, 88] cm, 26 [28, 30½, 32½, 34½] in.
Length to shoulder 46 [50, 52, 54.5, 58] cm, 18 [19½, 20½, 21½, 23] in.
Sleeve seam 30 [34, 38, 40.5, 43] cm, 12 [13½, 15, 16, 17] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

29 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 7).

29 stitches and 32 rows to 10 cm, 4 in measured over Fair Isle on MT+1 (tension dial approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.

Fair Isle Pattern

Back and Front

Insert card 1 and lock on first row. Using MT and MC, K 8 [10, 14, 14, 14] rows. * Release card and cont in Fair Isle. Using MT+1, K 8 rows MC/C. Remove card. Insert card 2 and lock on first row. Cont in st st and C. Using MT, K 14 [16, 16, 18, 20] rows. Release card and cont in Fair Isle. Using MT+1, K 6 rows C/MC. Remove card. Insert card 1 and lock on first row. Cont in st st and C. Using MT, K 14 [16, 16, 18, 20] rows. Release card and cont in Fair Isle. Using MT+1, K 8 rows C/MC *. Remove card. Insert card 2 and lock on first row. Cont in st st and MC. Using MT, K 14 [16, 16, 18, 20] rows. Release card and cont in Fair Isle. Using MT+1, K 6 rows MC/C. Remove card. Insert card 1 and lock on first row. Cont in st st and MC. Using MT, K 14 [16, 16, 18, 20] rows. Rep from * to *. Remove card. Cont in st st and MC. Using MT, K 8 [10, 14, 12, 14] rows.

Sleeves

Insert card 1 and lock on first row. Using MT and MC, K 22 [28, 36, 38, 42] rows. Work as for back and front from * to *. Remove card.
Cont in st st and MC. Using MT, K 22 [28, 36, 40, 42] rows.

pattern 7

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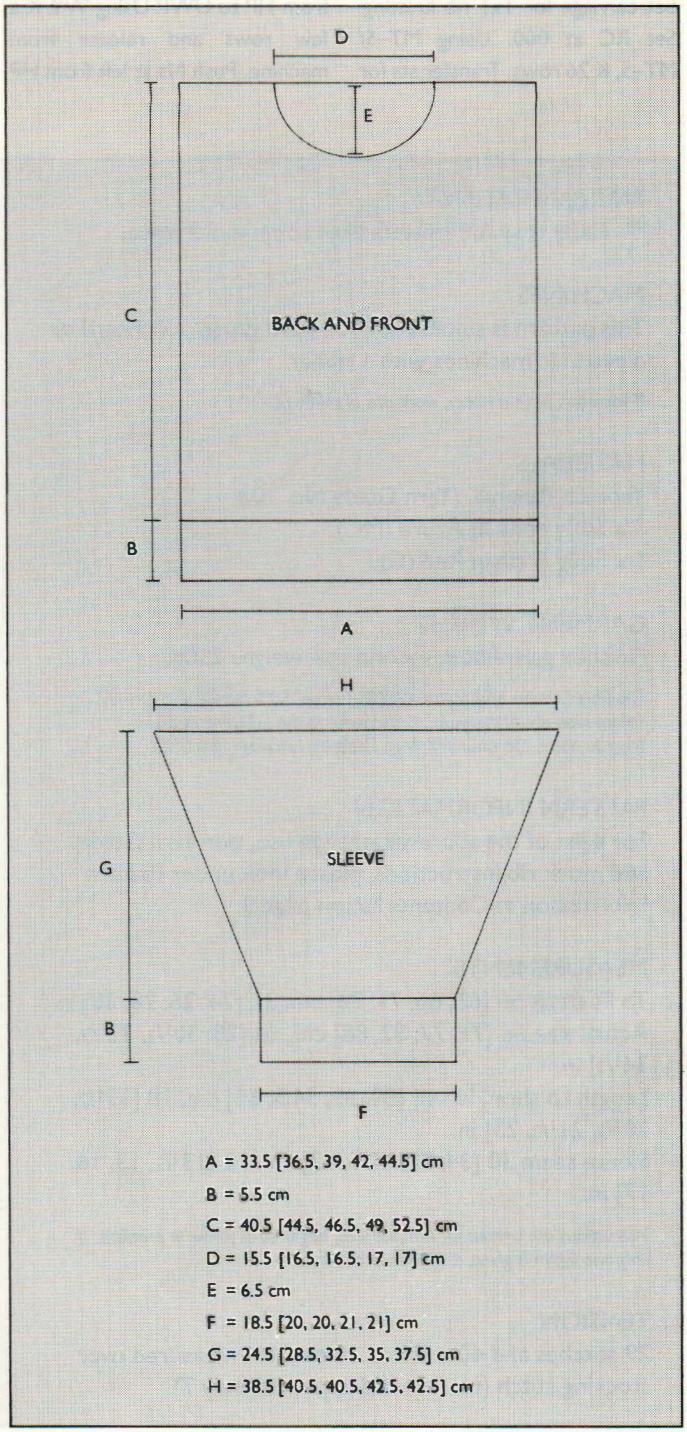
Snake's alive!

◀ 53

40] sts rem. K 8 rows. Using WY, K a few rows and release from machine. With carriage at right, unravel nylon cord over 22 [24, 24, 26, 26] Ns at right, bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Cont in patt and finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using MC, cast on 54 [58, 58, 62, 62] sts at centre in 1x1 rib. Work as



A = 33.5 [36.5, 39, 42, 44.5] cm
B = 5.5 cm
C = 40.5 [44.5, 46.5, 49, 52.5] cm
D = 15.5 [16.5, 16.5, 17, 17] cm
E = 6.5 cm
F = 18.5 [20, 20, 21, 21] cm
G = 24.5 [28.5, 32.5, 35, 37.5] cm
H = 38.5 [40.5, 40.5, 42.5, 42.5] cm

for back from * to **. Shape sides by inc 1 st at each end of every row until there are 62 [66, 66, 70, 70] sts, then on every foll 3rd [3rd, 3rd, 3rd, 4th] row until there are 98 [92, 76, 76, 94] sts, then on every foll 5th [5th, 5th, 5th, 6th] row until there are 112 [118, 118, 124, 124] sts. K 1 [2, 2, 3, 4] rows. RC shows 94 [110, 126, 136, 146]. Cast off.

TO JOIN RIGHT SHOULDER

Push 26 [29, 33, 36, 40] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MC, K 1 row. Cast off.

NECKBAND

Push 126 [130, 130, 134, 134] Ns to WP. With K side facing, pick up 126 [130, 130, 134, 134] sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT–5/MT–5, K 24 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

TO JOIN LEFT SHOULDER

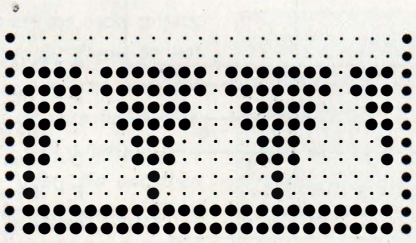
Work as for right shoulder but read left for right.

PRESSING

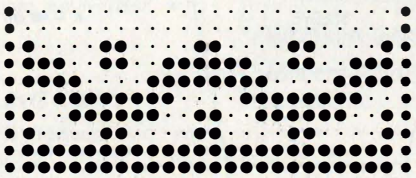
With wrong side facing, pin out all pieces to measurements given. Steam gently and allow to dry in shape.

MAKING UP

Set in sleeves, matching centre to shoulder seams. Join side, sleeve and neckband seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC



PUNCHCARD CHART 1



PUNCHCARD CHART 2

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Lady in red

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Look as pretty as a picture in this beautiful short jacket. Knitted in featherweight mohair, it's the perfect cover-up for day or evening wear and it's an exclusive design from the Silver Reed International Collection.

BACK

With carriage at right and using MY, cast on 62 [68, 74] sts at centre in 1x1 rib. * K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–3/MT–3, K 6 rows. Transfer sts for st st *. Set RC at 000. Using MT, K 30 [32, 34] rows. Place marker at each end. K 34 rows. RC shows 64 [66, 68]. Push 17 [20, 23] Ns at left and right to HP. Using WY, K a few rows over rem 28 Ns and release from machine. Push Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

LEFT FRONT

With carriage at right and using MY, cast on 31 [34, 37] sts in 1x1 rib. Work as for back from * to *. Set RC at 000. Using MT, K 30 [32, 34] rows **. *** Place marker at left edge. K 18 rows. K 1 row extra for right front.

Shape Neck

Cast off 7 sts at beg of next row. Dec 1 st at neck edge of every row until 22 [25, 28] sts rem, then on every foll alt row until 18 [21, 24] sts rem. K 2 rows. Dec 1 st at neck edge of next row. 17 [20, 23] sts. K 2 rows (1 row only for right front). RC shows 64 [66, 68]. Using WY, K a few rows and release from machine ***.

RIGHT FRONT

Work as for left front to **, then from *** to ***, reversing shapings by reading right for left and noting alteration in number of rows worked.

SLEEVES

Using MY, cast on 53 sts by hand. Set RC at 000. Using MT, shape sides by dec 1 st at each end of every 5th row until 43 sts rem,

PATTERN RATING

* Easy to knit.

MACHINES

This pattern is suitable for Silver Reed 9 mm chunky machines with a ribber.

If you don't have a ribber, work ribs in mock rib or knit by hand or use latch tool method.

MATERIALS

The original yarn used for this design is not available in this country, but we suggest your own choice of Super Extra Thick Mohair Yarn. (Yarn Guide No. 19.)
Approximately 300 [350, 400]g in Red (MY).
192 pearl beads (4 mm).
24 small beads.
2 buttons.
Crochet hook.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 82-87 [92-97, 102-107] cm, 32-34 [36-38, 40-42] in.
Actual size 109 [120, 131] cm, 43 [47, 51½] in.
Length to shoulder 48.5 [49.5, 51] cm, 19 [19½, 20] in.
Sleeve seam 46.5 cm, 18½ in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

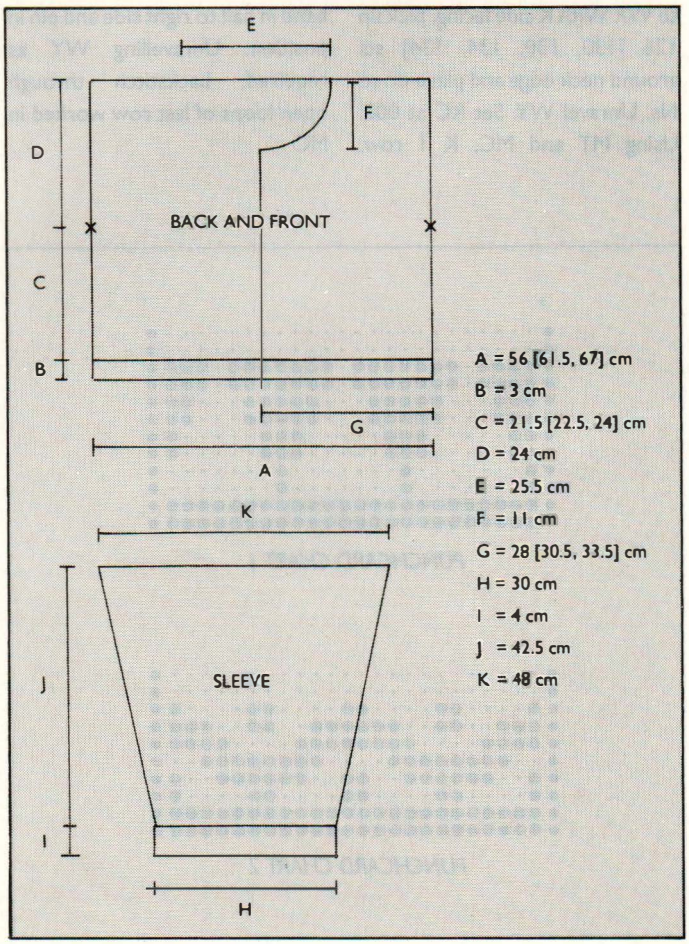
TENSION

11 stitches and 14 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.



pattern 8

58 ▶

8

8 Lady in red

◀ 56

then on every foll 6th row until 33 sts rem. K 5 rows. RC shows 60. Using WY, K a few rows and release from machine.

CUFFS

With carriage at right and using MY, cast on 28 sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–3/MT–3, K 8 rows. Transfer sts for st st. With P side facing, replace 33 sts from lower edge of sleeve on to Ns, gathering evenly. Unravel WY. Using MT+2, K 1 row. Cast off.

TO JOIN RIGHT SHOULDER

Push 17 [20, 23] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MY, K 1 row. Cast off.

TO JOIN LEFT SHOULDER

Work as for right shoulder, but read left for right.

FRONT BANDS

With carriage at right and using MY, cast on 48 [50, 52] sts in 1x1 rib. Work as for back from * to *. With P side facing, pick up 48 [50, 52] sts along front edge and place on to Ns. Using MT+2, K 1 row. Cast off.

NECKBAND

With carriage at right and using MY, cast on 90 sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–3/MT–3, K 3 rows. Counting from left edge, make a buttonhole by transferring 3rd st on to 4th N. Leave empty N in WP. K 4 rows. Make another buttonhole over same N as before. K 3 rows. Transfer sts for st st. With P side facing, pick up 4 sts from front band, 27 sts up left front neck, 28 sts across back neck, 27 sts down right front neck and 4 sts from front band and place on to Ns. Using MT+2, K 1 row. Cast off.

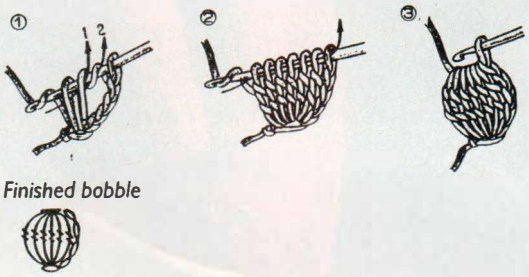
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

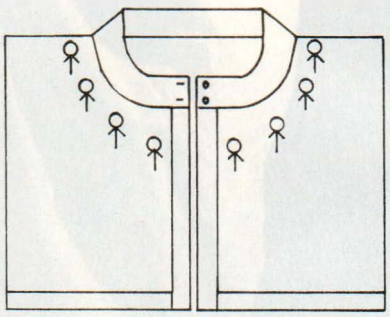
Set in sleeves between markers. Join side and sleeve seams. Sew on buttons. Crochet 8 bobbles as shown on diagrams. Thread beads and sew on bobbles as shown on diagram. Sew to fronts as in photograph.

HOW TO MAKE BOBBLES

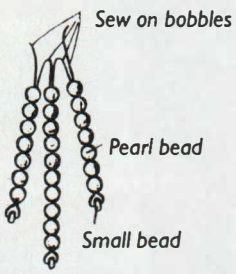


Finished bobble

DIAGRAM SHOWING POSITION OF BOBBLES AND BEADS



HOW TO THREAD BEADS



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	Cotton	£3.10 to £6.25 (Rep)
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	Bouclé	£2.10 to £4.25 (Rep)
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4 Ply	Shetland & Wool	£2.50 to £4.75 (Rep)
	Chenille	£6.25
	Mohair/Acr.	£4.15
D.K.	HB Acr.	£3.08
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	Wool/Nylon Hank 450 Grams	£4.32 (Rep)
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DS

Lineout

Here's a comfortable classic for your pattern library we're sure you'll knit over and over again! Add your own variation of colours and stripes and embellish with a club motif or emblem for a personal touch.

BACK

Push 172 [180, 186, 194, 200] Ns at centre to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using 2 strands of MC, K 120 rows. Using 2 strands of A, K 12 rows. Using 2 strands of MC, K 12 rows. Using 2 strands of A, K 12 rows. Using 2 strands of B, K 12 rows. RC shows 168. Place marker at each end *. Using 2 strands of A, K 104 rows.

Shape Neck

Using a length of A, cast off centre 34 sts. Push 69 [73, 76, 80, 83] Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 2 sts at beg of next and foll 3 alt rows. 61 [65, 68, 72, 75] sts. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

FRONT

Work as for back to *.

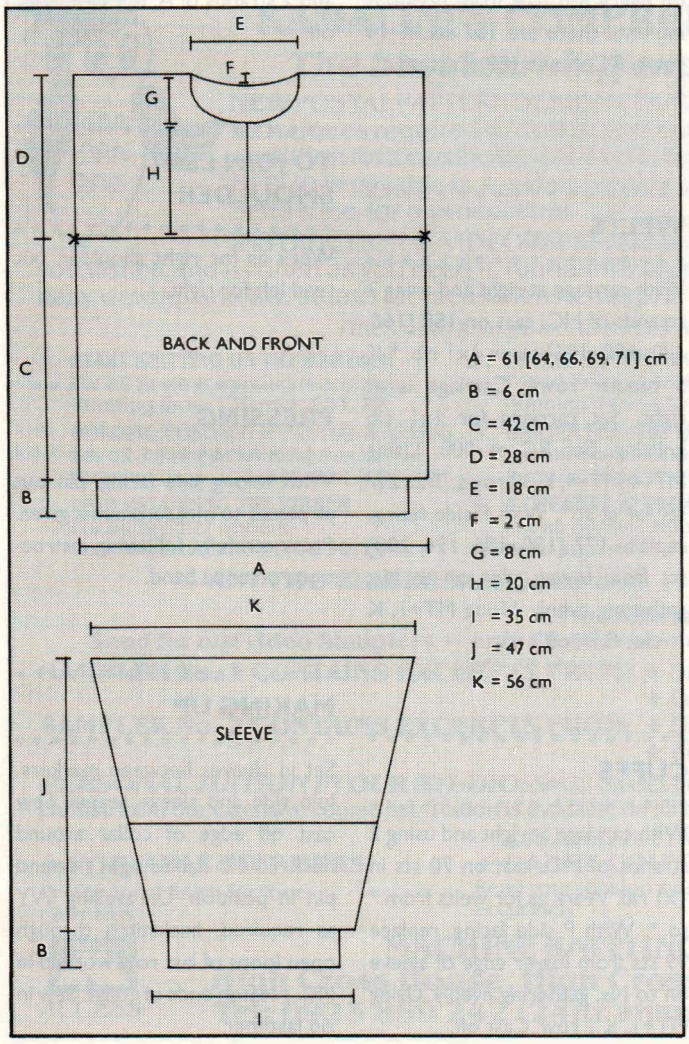
Front Opening

Push 86 [90, 93, 97, 100] Ns at left to HP and cont on rem sts for first side. Using 2 strands of A, K 81 rows.

Shape Neck

Cast off 12 sts at beg of next row, K 1 row. Cast off 2 sts at beg of next and foll 2 alt rows, K 1 row. Dec 1 st at beg of next and every foll alt row until 61 [65, 68, 72, 75] sts rem. K 10 rows. Using WY, K a few rows and release

62 ▶



A = 61 [64, 66, 69, 71] cm
B = 6 cm
C = 42 cm
D = 28 cm
E = 18 cm
F = 2 cm
G = 8 cm
H = 20 cm
I = 35 cm
J = 47 cm
K = 56 cm

Trousers, FREEMANS.

PATTERN RATING

* Easy to knit.

MACHINES

This pattern is suitable for standard gauge machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Forsell 2-ply Wool. (Yarn Guide No. 6.)
2 x 250g cones in Black (MC).
1 x 250g cone in Cream (A).
1 x 250g cone in Russet (B).
20 cm, 8 in zip fastener.

GARMENT WEIGHT

Finished garment in second size weighs 495g.

The fibre content of this yarn is 100% Wool. For further information about this yarn, please write to the following address:- T. Forsell & Son Ltd., Blaby Road, South Wigston, Leicester LE8 2SG.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit chest 97 [102, 107, 112, 117] cm, 38 [40, 42, 44, 46] in.
Actual size 121 [127, 131, 137, 141] cm, 47½ [50, 51½, 54, 55½] in.
Length to shoulder 76 cm, 30 in.
Sleeve seam 53 cm, 21 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

28 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch using 2 strands tog (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Use 2 strands of yarn together throughout.

pattern 9

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Lineout

◀ 61

from machine. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

SLEEVES

Push 99 Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using 2 strands of MC, shape sides by inc 1 st at each end of every 6th row until there are 107 sts. K 4 rows. RC shows 28. Cont to inc on every 6th row from previous inc and, AT THE SAME TIME, using 2 strands of A, K 12 rows. Using 2 strands of MC, K 12 rows. Using 2 strands of A, K 12 rows. Using 2 strands of B, K 12 rows. 123 sts. Using 2 strands of A, cont to inc on every 6th row from previous inc until there are 157 sts. K 14 rows. RC shows 188. Cast off.

WELTS

With carriage at right and using 2 strands of MC, cast on 158 [166, 172, 180, 186] sts in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–4/MT–4, K 30 rows. Transfer sts for st st *. With P side facing, replace 172 [180, 186, 194, 200] sts from lower edge on to Ns, gathering evenly. Using MT+1, K 1 row. Cast off.

CUFFS

With carriage at right and using 2 strands of MC, cast on 70 sts in 1x1 rib. Work as for welts from * to *. With P side facing, replace 99 sts from lower edge of sleeve on to Ns, gathering evenly. Using MT+1, K 1 row. Cast off.

COLLAR

Using 2 strands of MC, cast on 130 sts by hand. Set RC at 000. Using MT, K 2 rows. Shape sides by inc 1 st at each end of next and every foll 5th row until there are 146 sts. K 6 rows. Dec 1 st at each end of next and every foll 5th row until 130 sts rem. K 1 row. Cast off.

TO JOIN RIGHT SHOULDER

Push 61 [65, 68, 72, 75] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and 2 strands of A, K 1 row. Cast off.

TO JOIN LEFT SHOULDER

Work as for right shoulder, but read left for right.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Set in sleeves between markers. Join side and sleeve seams. Sew cast off edge of collar around neck. Fold in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Neaten ends of collar. Sew in zip fastener.

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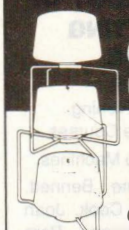

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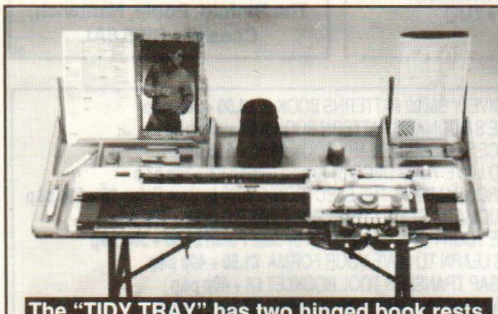

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PASSAP Duo 80, 4 colour changer, Deco, U70 Form computer, Electra 3000A motor, many extras, £800. Tel: 0494 715210 (Bucks).

BROTHER PPD110, boxed and in excellent condition. Little used, surplus to requirements, £175. Tel: 0635 522244 (Newbury).

BROTHER convertible knitter, KX390, still boxed, £75. Tel: 0803 812039 (Newton Abbot).

KNITMASTER 155 punchcard, chunky plus ribber and intarsia. New condition, £450 ono. Tel: 0603 411843 (Norwich).

TOYOTA lace carriage, for use with KS901, bought with machine but hardly used, £60. Tel: 0705 503159 after 6pm (Gosport).

BROTHER KH830 punchcard, ribber KR830, lace carriage, punchcards, punch, manuals, £375. Tel: 0803 854197 (Brixham, Devon).

BROTHER KH965 electronic with ribber, unused, boxed, £850 ono. Tel: 0666 825431 (Malmesbury, Wilts).

JONES Brother 836 punchcards plus manuals, £140; Jones Brother 890, lace carriage, hardly used plus manuals, £155. Tel: 0489 572400 (Southampton).

PPD110, hardly used, gone DesignaKnit, £200. Tel: 0235 532896 (Abingdon).

PASSAP Duo 80, Deco, 4 colour changer, punchcards, books, punch, wool winder, £300. Tel: 0494 783855 (Chesham).

BROTHER 910 electronic with table, lace carriage, manuals, mylar sheets etc, £250. Tel: 0924 262498 (Wakefield).

BROTHER 910 electronic with lace carriage, table, audio tapes, wool winder, vgc, £150. Tel: 0604 761261 (Northampton).

KNITMASTER 323 punchcard with manual etc, £50; wooden foldaway table to take sewing machine, £25. Tel: 0702 548538 (Hockley, Essex).

BROTHER 260 and ribber, intarsia, table. Hardly used, £350 ono. Tel: 0708 722991 (Romford).

BROTHER KH830 plus KR830 ribber, lace carriage, punchcards, instruction manuals, table, boxed. Very good condition, buyer collects, £360. Tel: 0628 38255 (Maidenhead).

Classifieds

FOR SALE

KEYTO knitting machine cabinet and bench. Very good condition, £100. Tel: 0372 275204 (Ashtead, Surrey).

TOYOTA 777 punchcard machine, standard gauge, complete. Books, wool winder, intarsia carriage, good clean condition, yarn pattern books. Bargain, £75. Tel: 0621 851052 (Maldon, Essex).

BROTHER KH260 chunky, with ribber and intarsia carriage. Good condition, £425. Tel: 0452 830518 (Gloucester).

KNITMASTER 323 with ribber, punchcards and punch, £160. Tel: 0628 23782 (Maidenhead).

TOYOTA 901 with 506 ribber, includes Knit Tracer, lace and intarsia carriages, colour changer (new), plaiting unit. All excellent condition, £395. Tel: 081-302 9664 (Sidcup).

PASSAP Form Computer, boxed, as new, full instructions and extras, £50; Brother cast off linker, boxed, as new, full instructions, £20. Tel: 051-645 3140 (Wirral).

KNITMASTER Electronic 500, vgc, table, intarsia carriage, £150. Tel: 0745 338450 (Rhyl).

KNITMASTER LC2 lace carriage, as new, £80; automatic linker, £20; intarsia carriage, £15. Tel: 0291 420335 (Gwent).

FOR SALE

TOYOTA KS950 with ribber, lace attachment, SimulKnit, motif facilities, colour changer, transfer carriage, Knit Tracer, tilt table, punch, many punchcards, manuals. Tel: 081-300 1400 (Sidcup, Kent).

BROTHER Chunky 151 knitting machine, hardly used, vgc, £100. Tel: 0204 304785 after 6pm (Bolton).

PFAFF E6000, £975 as new; would accept Duo 80 in part exchange if in new condition. Tel: 0723 864 750 (Scarborough).

KNITMASTER 360K, table, punchcards, punch, manual wool winder, cones, Mary Weaver book, Marion Nelson cards. All hardly used, £260. Tel: 0582 769041 (Harpenden).

KNITMASTER 700 plus ribber, SRP50, Knit Radar, intarsia, lace carriage, £400. Tel: 0424 222721 (Bexhill on Sea).

TOYOTA K551, linker for use with KS901 machine. In very good condition, bargain at £40. Tel: 0705 503159 after 6pm (Gosport).

POWER drive electric motor with stand, row countdown and foot pedal. Excellent condition, hardly used, £350. Tel: 0993 772083 (Witney, Oxon).

SILVER REED SK280 punchcard knitting machine, hardly used, includes punchcards, wool, magazines etc, £300 ono. Tel: 0273 478428 (Lewes, E. Sussex).

FOR SALE

BROTHER Chunky 230 with intarsia facility, little used, £150 ono. Includes free machine table. Tel: 0492 623939 (Penmaenmawr).

KNITMASTER 700, includes radar, intarsia, manuals, tools, punchcards, punch, very good condition, also brand new lace carriage, boxed. Bargain, £250. Tel: 081-292 3820 (Enfield).

KNITMASTER lace carriage, £40; Transfer carriage, £25. Also yarn mast, punchcard pattern books, wool and other extras, in very good condition. Tel: 0272 679785 (Bristol).

BROTHER KH881 knitting machine with built-in Knitleader, lace carriage and all accessories, with table. Excellent condition, £210. Tel: 0442 259046 (Hemel Hempstead).

KH840 Brother with punchcard, ribber KR850, colour changer KRC900, Knitleader KL116, intarsia, wool winder, De-Knit. Excellent working order, some boxed, £295. Tel: 0424 751164 (Hastings).

BROTHER KH260, Brother KR260, intarsia carriage, single bed colour changer, some books, £500 ono. Free lessons given. Tel: 0203 441954 (Coventry).

PASSAP Duo 80, 4-colour changer, Deco, U70, plus many extras, books, etc. Bargain, £375. Tel: 0767 681638 (Sandy, Beds).

BOND original chunky knitting machine, full working order, spare needles, spare keyplates, row counter, extension fitted, tools, manual, £55, or swap for a Calcuknit. Tel: 0273 202315 (Hove).

KNITMASTER Chunky 151, used as second machine, hardly used, £150. Tel: 0761 410355 after 6pm (Midsomer-Norton).

TOYOTA 858 12 stitch punchcard machine and ribber, plus table and set of blank punchcards, vgc, £150 ono. Tel: 081-968 0634 (London W10).

TOYOTA intarsia carriage, £20; Automatic linker carriage, £40; Lace carriage, £60; Electric circular linker, £225. All items are brand new. Tel: 0239 77225 (Dyfed, Wales).

PASSAP Duo 80 knitting machine, 4-colour changer, Deco, punch, U70 Forma computer, motor, vgc, £350. Tel: 0236 726006 (Cumbernauld).

BROTHER 860 punchcard knitting machine with KG88 garter carriage, £295. Tel: 0404 84317 (Honiton).

KNITMASTER 580 Electronic with lace carriage, excellent condition, £300. Tel: 0742 398899 (Sheffield).

BROTHER KH840 knitting machine, lace carriage, ribber, good condition, not used for profit knitting, £280. All boxed with manuals and punchcards. Tel: 0902 897258 (Wolverhampton).

INTARSIA multi yarn break, £10; Passap ABC pattern book, £5; Form computer books 192, £2 each. Tel: 0248 852703 (Benllech, Anglesey).

BROTHER 890 machine, 830 ribber, lace carriage, books, cards, £400 ono, or swap Chunky punchcard and ribber or Passap/Pfaff Duo 80 machine. Tel: 091-413 5690 (Ryton, Tyne and Wear).

KNITMASTER 155 Chunky knitting machine and ribber, table, instruction book, punchcards, £350. Tel: 0964 534243 (Hornsea, E Yorks).

PPD110 used once, £145 ono; Minimath hand linker with needle guard, £85, as new. Tel: 0942 603371 (Nr Warrington).

BROTHER 836 knitting machine, ribber, table, wool winder, instruction books, £195. Tel: 0922 37243 (Walsall).

FOR SALE

BROTHER 950 Electronic computerised knitting machine, perfect working order, £450 ono. Tel: 0493 441132 (Gt Yarmouth).

KNITMASTER 323 machine with punchcards, punch and table, £80 ono. Tel: 0773 825291 (Derby).

TOYOTA KS858 knitting machine, punchcards, lace and intarsia carriages, K31 Knit Tracer, £150. Many brand new knitting books. Tel: 0256 25539 (Basingstoke).

KNITMASTER 360K with Knitmaster lace carriage, skeins of wool. Nearly new, £200 ono, in carrying case. Tel: 071-476 1517 (London).

KNITMASTER 580 Electronic + PE1, £495; Lace carriage, £100; Double bed colour changer, £90; RT1, £25; SC3, £25; 8-way tension mast, £35; KR7, £65. Delivery possible. Tel: 09756 41215 (Aberdeenshire).

BROTHER KH260 Chunky with ribber, Knitleader, table, strip lamp, wool winder and magazines. Excellent condition, £460. Tel: 0932 868864 (Cobham, Surrey).

BROTHER KH891 with built-in Knitleader, lace carriage, punchcards, punch, spare Knitleader sheet, vgc, £200. Tel: 0622 763447 (Maidstone) evenings/weekends only.

PFAFF Form computer, as new, boxed, £50. Tel: 0622 744038 (Maidstone).

SINGER Knit computer, £60; Singer 4-colour changer, £85; Singer Big Nine Chunky, £85; Bond Original with extension, £20. All excellent condition. Tel: 0296 715234 (Buckingham).

PPD110 still boxed, hardly used, reason for sale advancing to DesignaKnit 5, £230 ono. Tel: 0903 785831 (Littlehampton) evenings.

BROTHER KH881, integral Knitleader, lace carriage, punchcard patterns Vol 4, table, punch, punched cards, Knitleader patterns, £250 ono. Tel: 0386 852656 (Evesham).

PASSAP Duo 80, Deco, 4-colour changer, extras, little used, still in boxes, £325 for quick sale. Tel: 0242 222782 (Cheltenham).

BROTHER 950 Electronic with lace carriage, table, instruction books and wool winder, £400 ono. Tel: 091-414 8009 (Gateshead).

WANTED

INSTRUCTION manual for a Brother KH801 knitting machine. Tel: 0923 262706 (Herts).

IS THERE anyone in Downham/Bromley area who could give me some further instruction on my Toyota 707 knitting machine? Tel: 081-698 2985 (Bromley).

LACE carriage for KH881, will exchange for Brother intarsia carriage, never used, or KL116 Knitleader. Tel: 0909 562337 (Rotherham)

SWAP

DUO 80 with Deco, Form computer, books, for Brother KH260 Chunky plus ribber. Tel: 021-382 6313 (Birmingham).

WILL swap Passap Duo 80, Deco, 4-colour changer, Form computer, for fine gauge machine and ribber. Tel: 0743 232060 (Shrewsbury).

KNITMASTER Zippy 90, never out of box, for Hague linker. Tel: 0303 862870 (Canterbury).

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Trade enquiries, please phone Brenda Hughes on 0672 516749

ABBREVIATIONS

alt = alternate(ly)
beg = beginning
ch = chain
cm = centimetres
cont = continue(ing)
dc = double crochet
dec = decrease(ing)
foll = following
g = grams
HP = holding position
in = inch(es)
inc = increase(ing)
K = knit
mm = millimetres
MT = main tension
MT−1, MT−2, MT−3 = one, two, three full sizes tighter than main tension
MT+1, MT+2, MT+3 = one, two, three full sizes looser than main tension
MY = main yarn
N(s) = needle(s)
NWP = non working position
P = purl
patt = pattern
RC = row counter
rem = remain(ing)
rep = repeat
ss = stitch size
st(s) = stitch(es)
st st = stocking stitch
tog = together
UWP = upper working position
WP = working position
WY = waste yarn

YARNS

Yarns used for our patterns are matched to this guide for thickness. If you want to use a different yarn and, especially for readers overseas who may not be able to buy the originals, choose a yarn of the same thickness. If you do use a different yarn here are a few tips.

Firstly, your garment is likely to be more successful if you use a very similar yarn so look for slubbed cotton for slubbed cotton, acrylic for acrylic, wool for wool and so on. A change of fibre is perfectly possible but requires even more care in checking tension, quantity and, above all, suitability in the resulting 'feel' and 'hang' of the knitted fabric.

To compare yarns, hold the proposed substitute over the guide and stretch it out until it is just taut, not pulled tightly. A good match should fit the guide lines closely.

Now that you have a suitable yarn, how much do you buy? Whenever possible buy the yarn by length rather than weight as different fibres and treatments can vary the weight of yarns a great deal. A 500 gram cone of airy acrylic would have many more metres or yards of yarn on it than a 500 gram cone of much denser cotton.

After matching the tension, the garments in the original and substitute yarns would have much the same number of stitches knitted throughout and therefore need much the same yarn length. When you cannot discover the length on the cone it is best to err on the generous side whilst using your previous experience to decide how many cones you would expect the garment to take.

It is possible to work out the length required for a garment by measuring the length used for a tension square and calculating the total area of the garment from the diagram but I think you would need to be addicted to mathematics to find this worthwhile.

Having bought your yarn, experiment until you have matched the original tension. To achieve the best 'handle' it may be necessary to vary the number of stitches or rows a little. This is no problem if you are using a charting device but will require extra calculation if you want to follow the written pattern where the numbers stated for rows and stitches will not now apply.

If all this sounds like too much trouble, take care. You could be lucky and knit a perfect garment in the first yarn that comes to hand but you could also be badly disappointed. Time is precious to all of us so it is worth 'wasting' a little to avoid wasting a lot. You will be rewarded by a successful result.

MOCK RIB

Used for welts, cuffs, neckbands and other edges on single bed machines without a ribber.

Push the number of main bed needles given in pattern to working position. Push every alternate needle back to non-working position for a 1×1 rib or every third needle back to non-working position for a 2×1 rib. It may be necessary to reduce this number by one needle at one or both edges to keep rib even. (Increase the stitches after the mock rib has been worked to give the same number as the pattern.)

Using main tension and waste yarn, cast on and knit a few rows ending with carriage at left. Set row counter at 000. Using at least two full sizes tighter than main tension, knit the number of rows given in pattern for rib. Using three full sizes looser than this tension, knit one row. (This loose row gives a neat fold line.) Return to two full sizes tighter than main tension and knit the same number of rows as before. Push empty needles from non-working to working position and make a hem by placing loops of first row worked in main yarn evenly along the row. Make sure that each empty needle holds a loop to prevent a row of holes across the work.

Unravel waste yarn after work has been removed from machine. After garment has been blocked to size, insert a metal welt bar or thin, clean piece of wood through the hem and pull firmly downwards to draw stitches of mock rib closer together. Set the stitches by steaming lightly on wrong side, if pressing instructions permit.

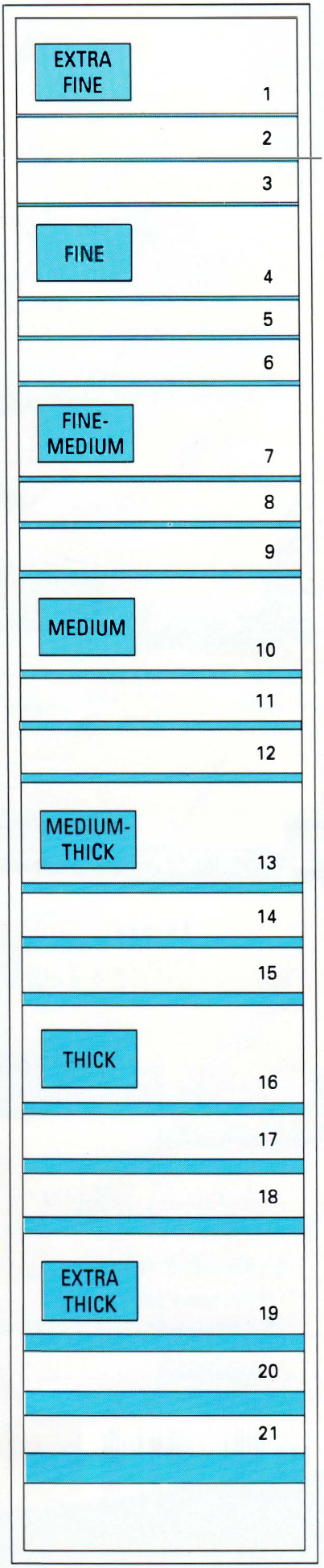
QUICK CAST-ON

This method can be used for both speed and when edges are either hidden or to be gathered by pulling up yarn end.

Carriage at right. Push alt Ns to WP. Use tension dial setting and either MY or WY as given in pattern. K1 row. Hook on cast-on comb. Push rem alt Ns into WP. K1 row. Carriage back at right. Cont as given in pattern instructions.

When knitting is removed from machine, pull yarn end at cast-on edge to gather up sts or, for a straight edge, pull yarn end to remove any slack and fasten off. See pattern for which is required. Your manual will describe this method of casting on although it may be called by a different name and may not use a cast-on comb.

YARN GUIDE



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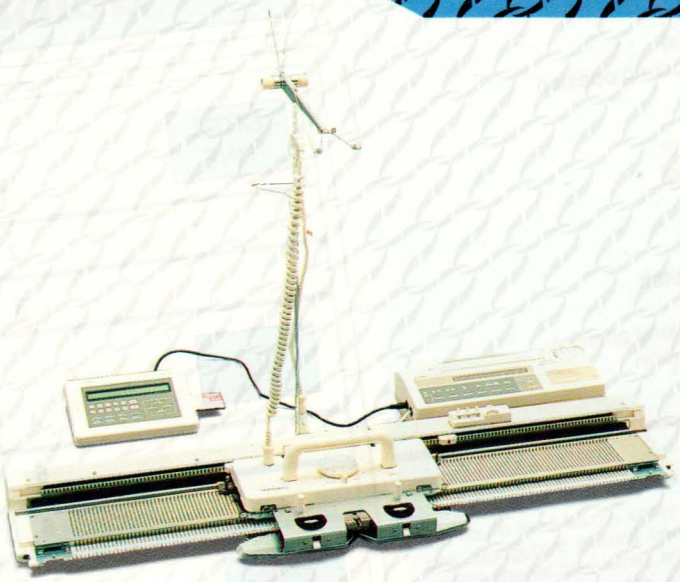
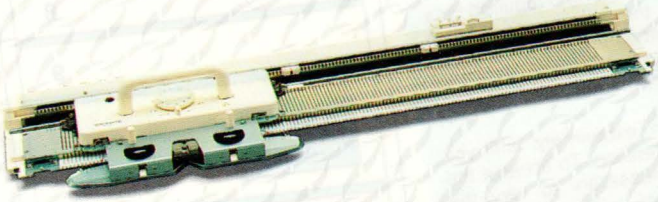


SK 890 *Chunky gauge*
Knits Mohair, Aran, Chunky



SK 860 *Double Knitting gauge*
Knits 4 ply, DK, Aran, Mohair

SK 840 *Standard gauge*
Knits 2 ply, 3 ply, 4 ply

SK 830 *Fine gauge*
Knits 1 ply, 2 ply, 3 ply

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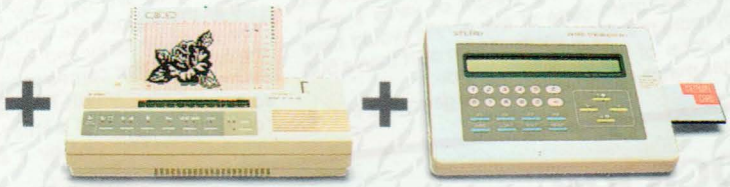
Silver EC1 *Pattern Controller*



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